

Program EVALPLOT
(Version 2021-1)

by

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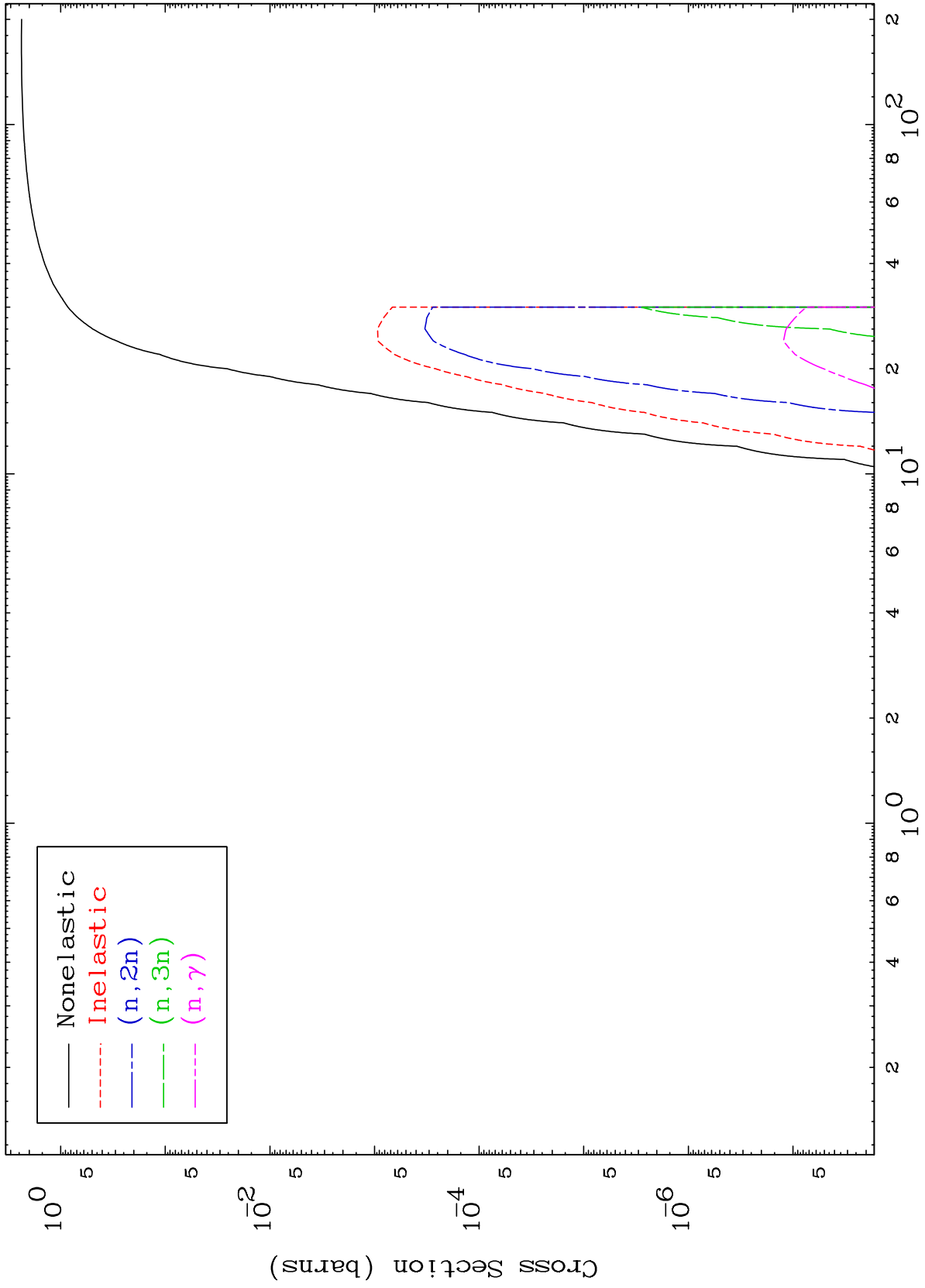
Press Mouse Button to Start

MAT 8287

He-3 Major

83-Bi-196m

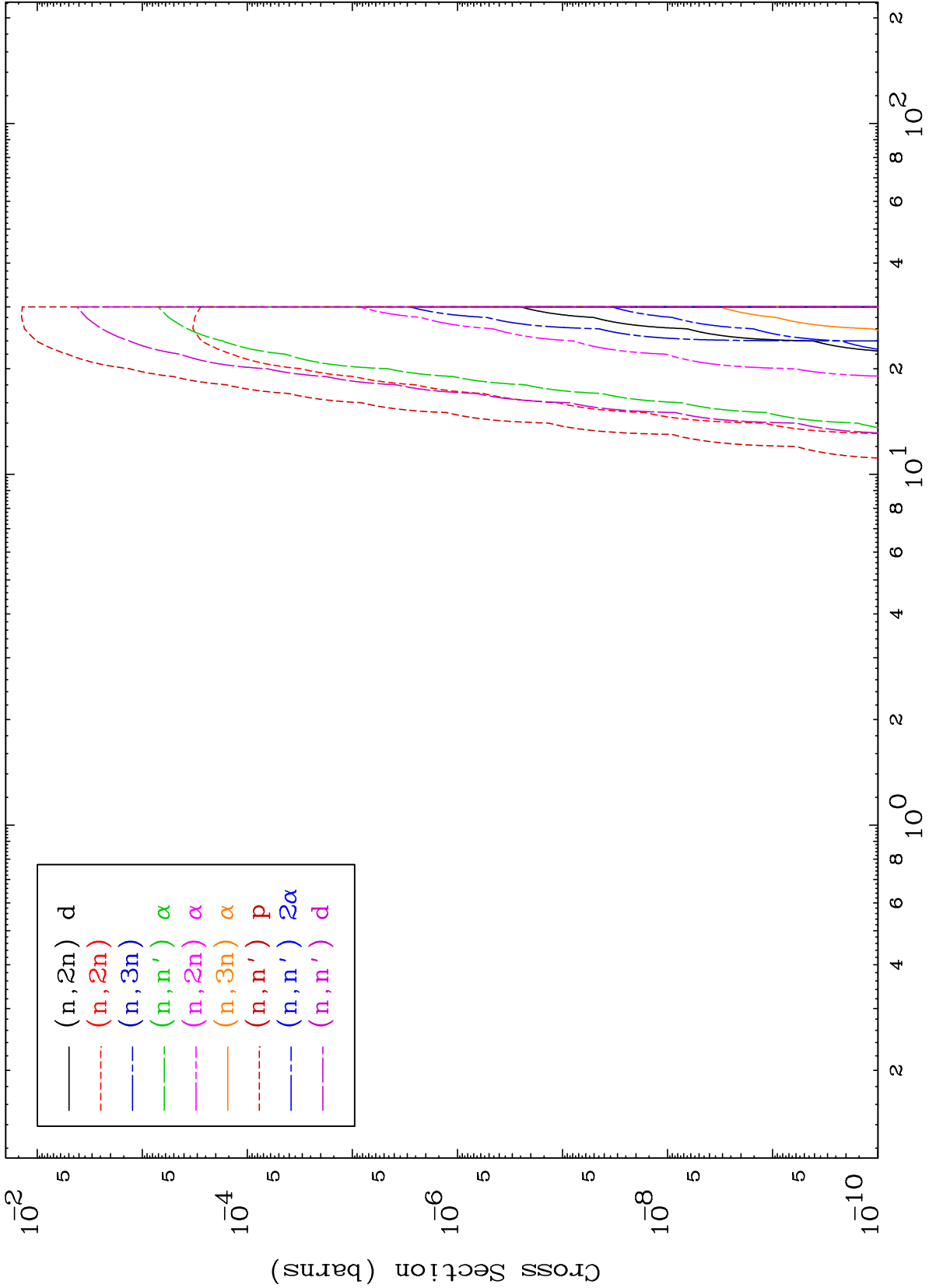
0 Kelvin Cross Sections

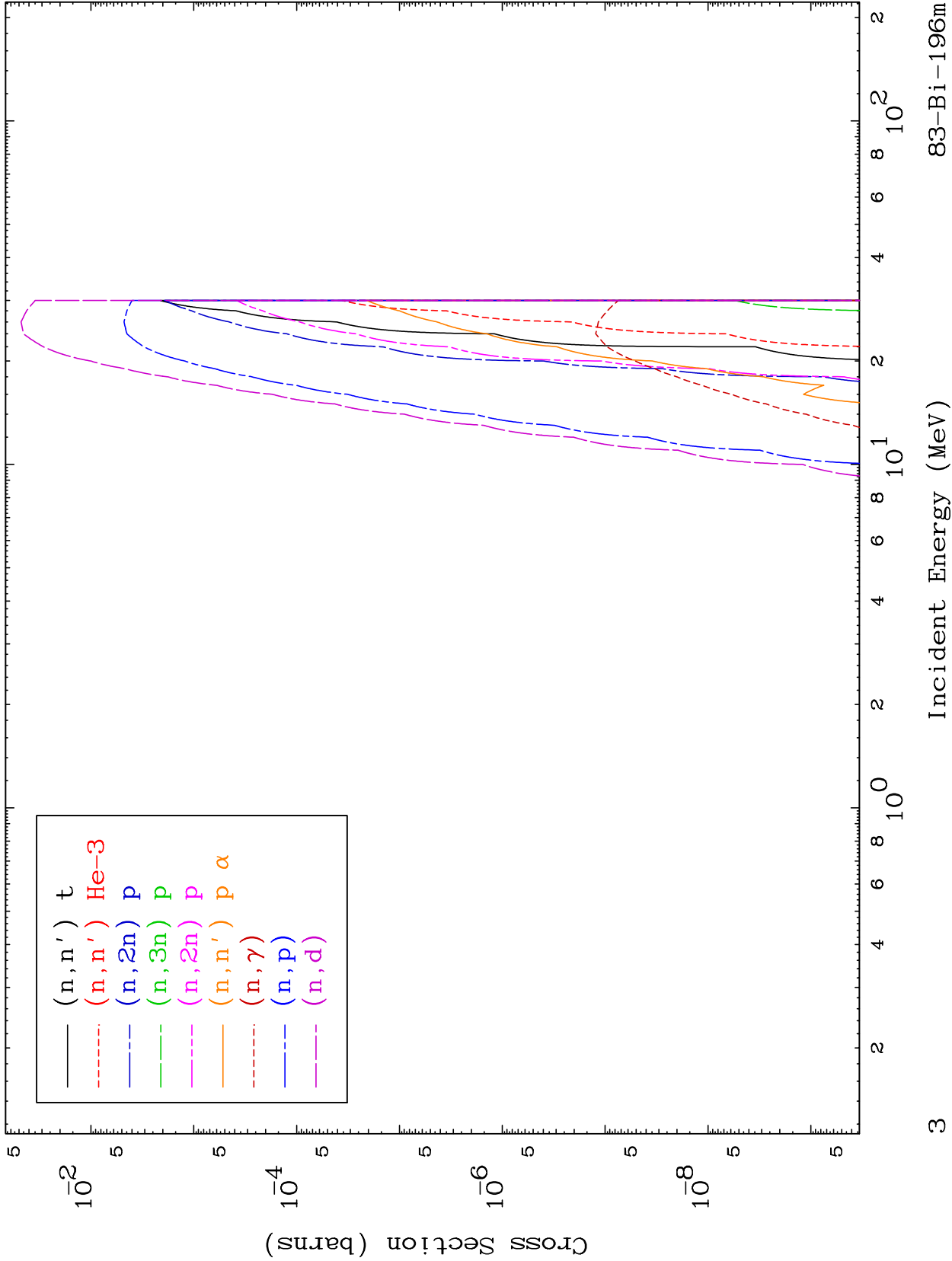


MAT 8287

He-3 Neutron Absorption
0 Kelvin Cross Sections

83-Bi-196m

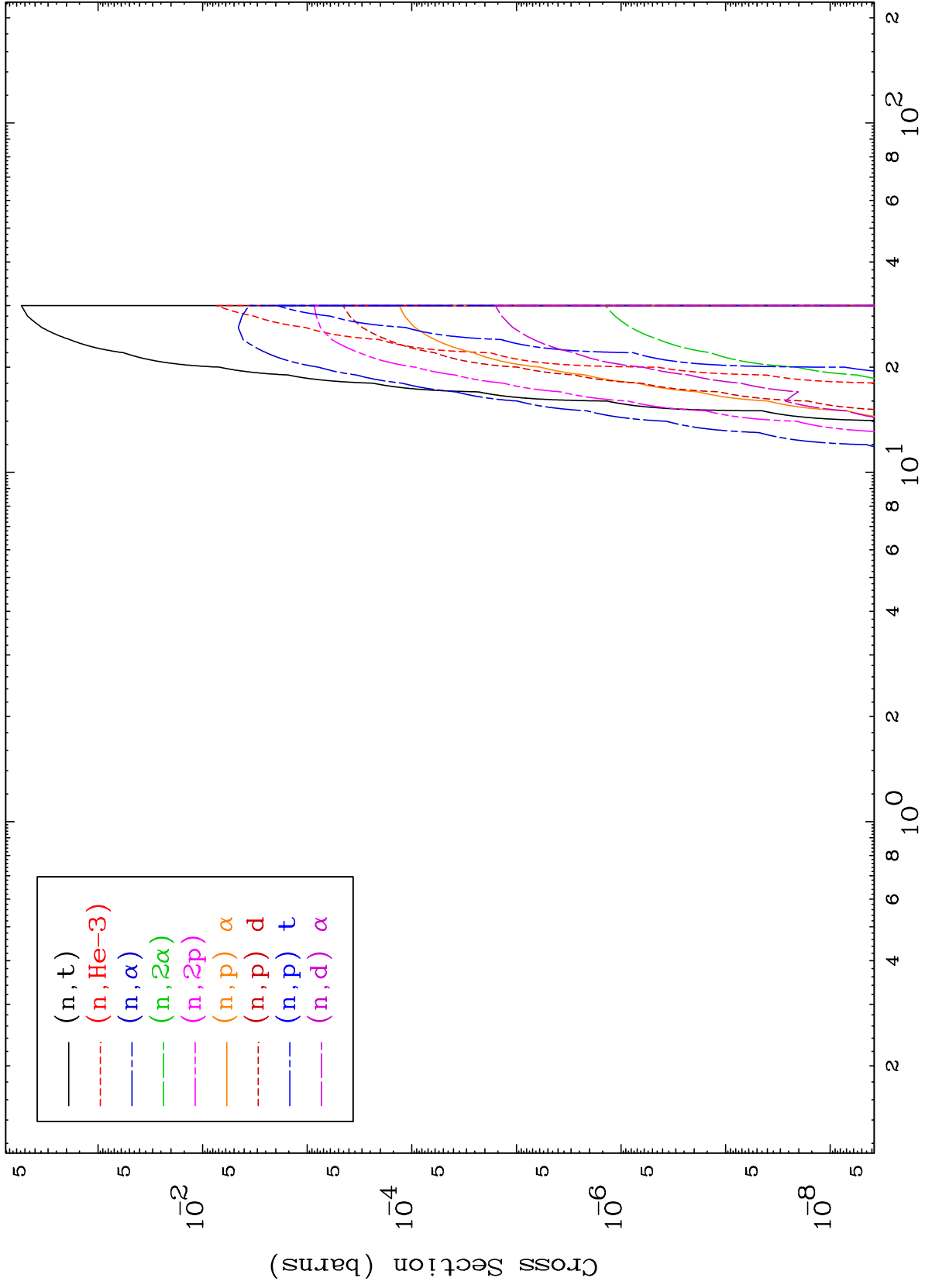




MAT 8287

He-3 Neutron Absorption
0 Kelvin Cross Sections

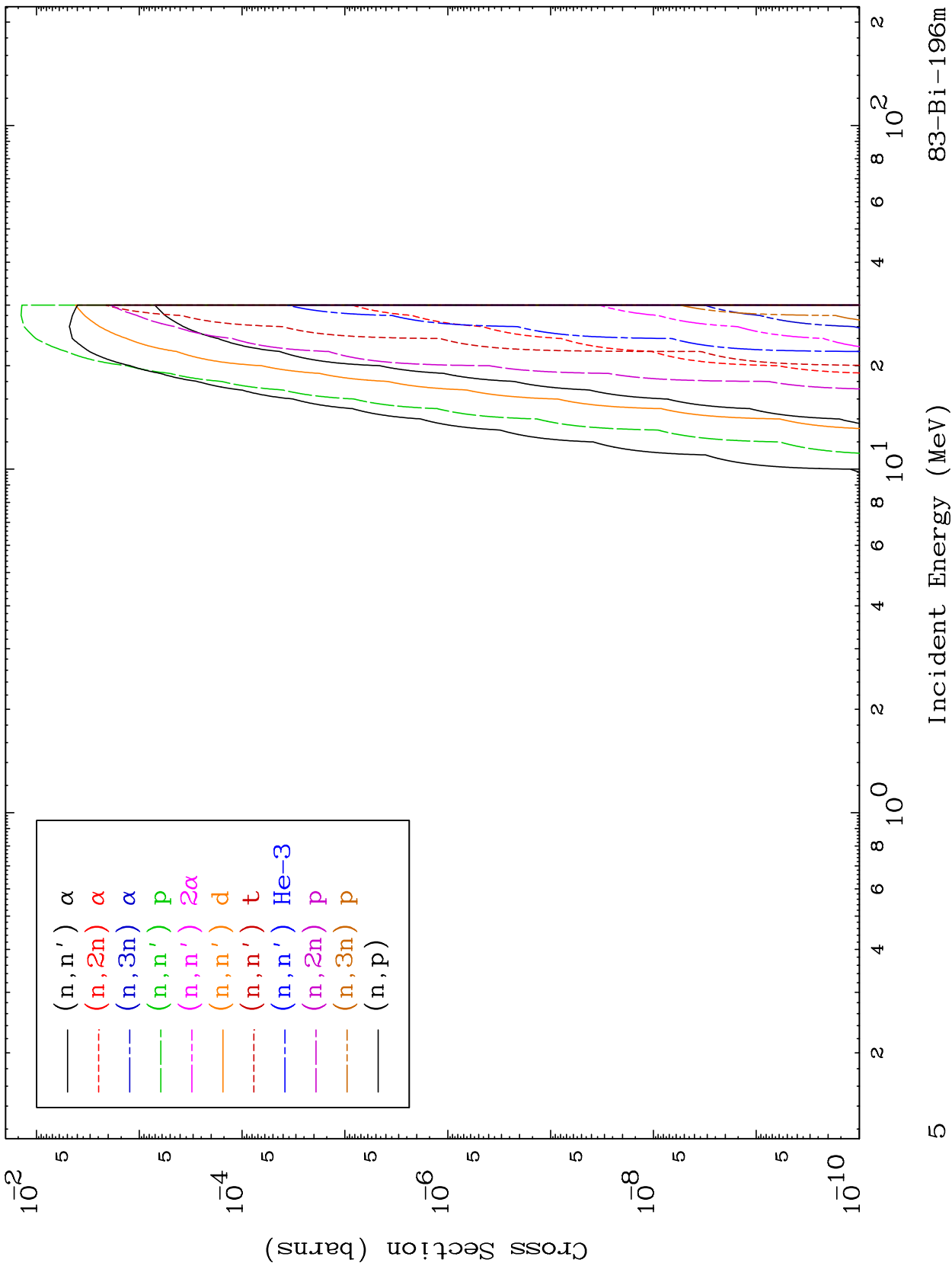
83-Bi-196m



MAT 8287

He-3 Charged Particle
0 Kelvin Cross Sections

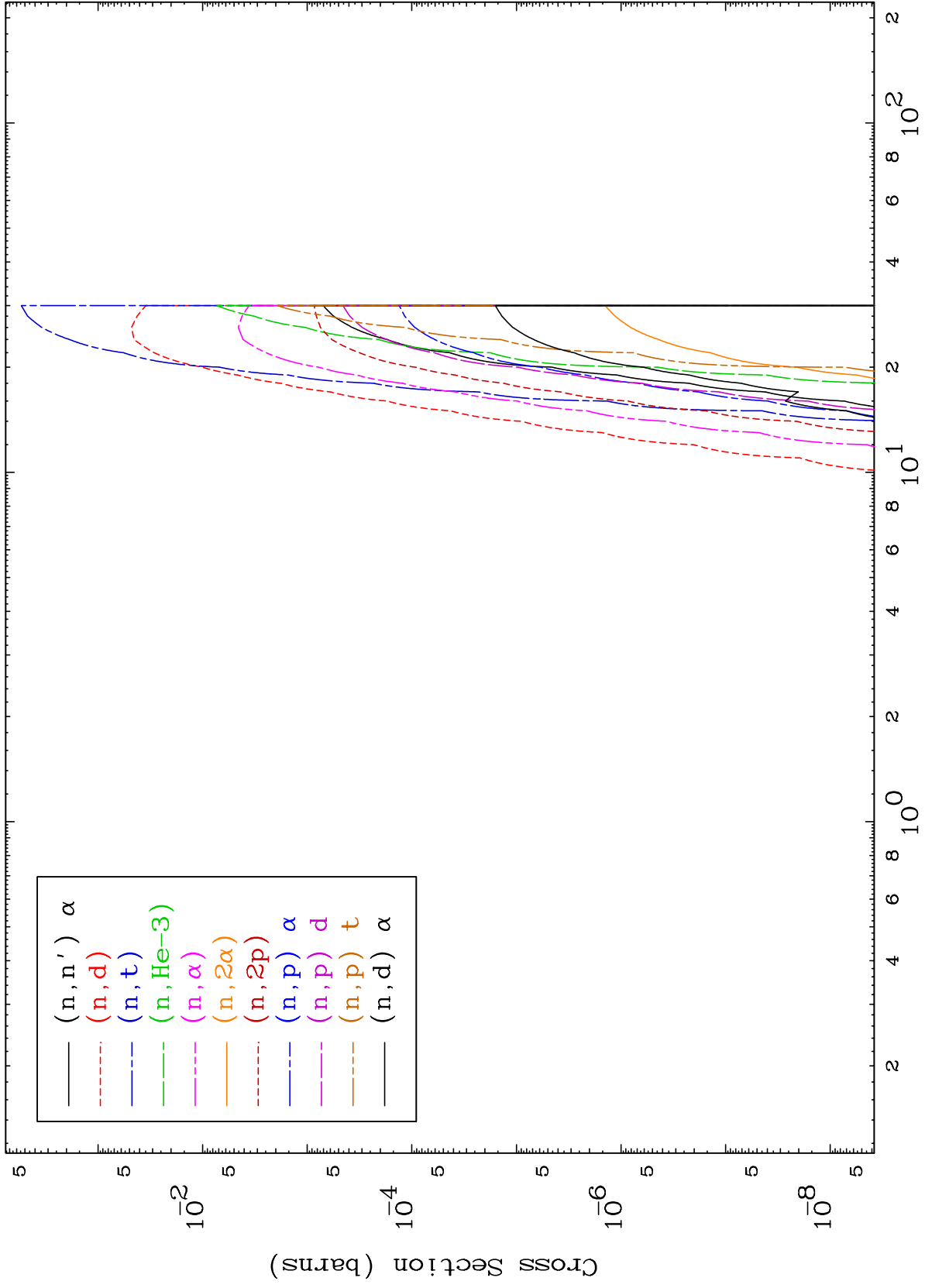
83-Bi-196m



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He-3 Charged Particle
0 Kelvin Cross Sections

83-Bi-196m

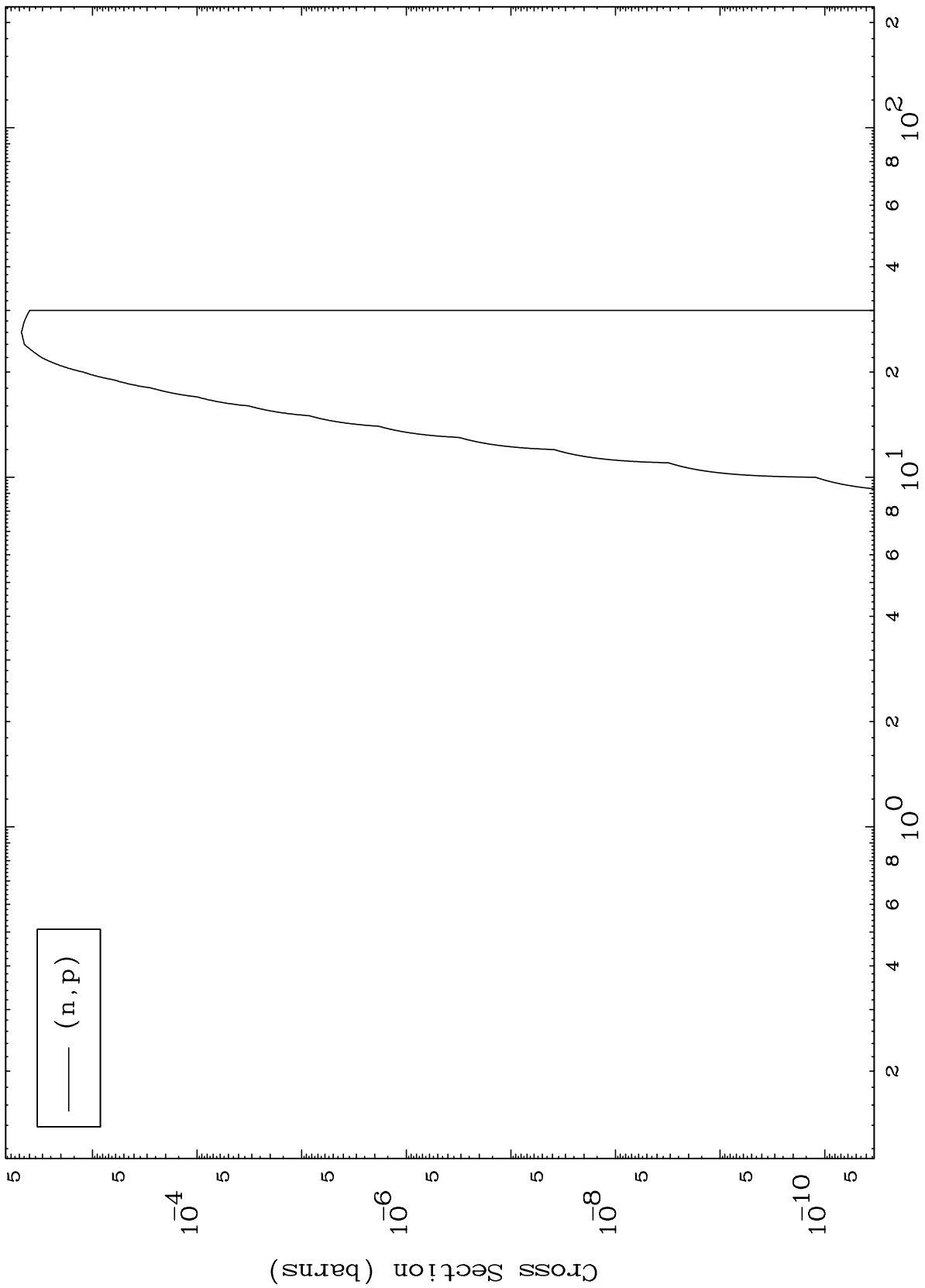


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(He-3,p) Levels

83-Bi-196m

0 Kelvin Cross Sections

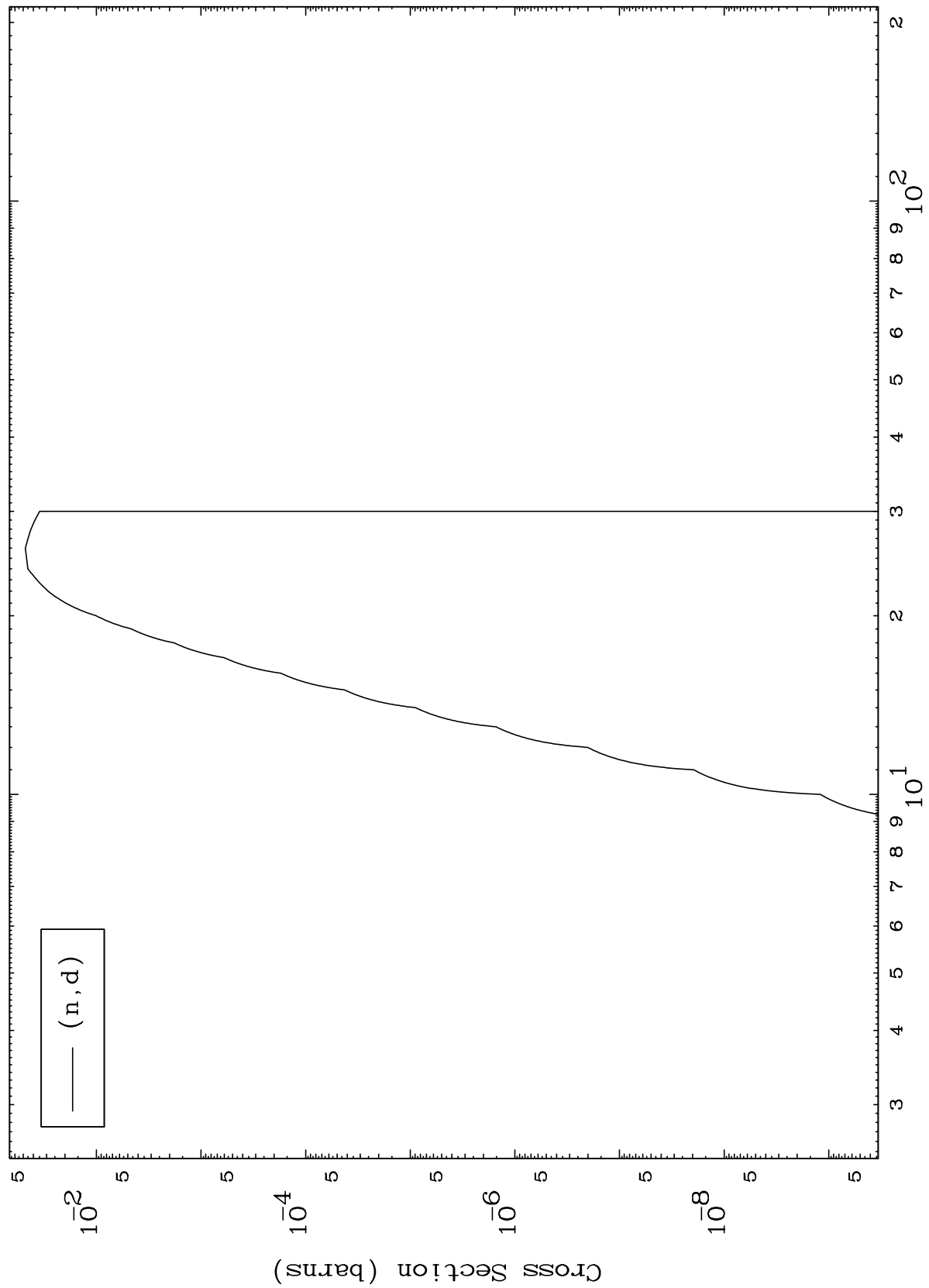


MAT 8287

(He-3,d) Levels

83-Bi-196m

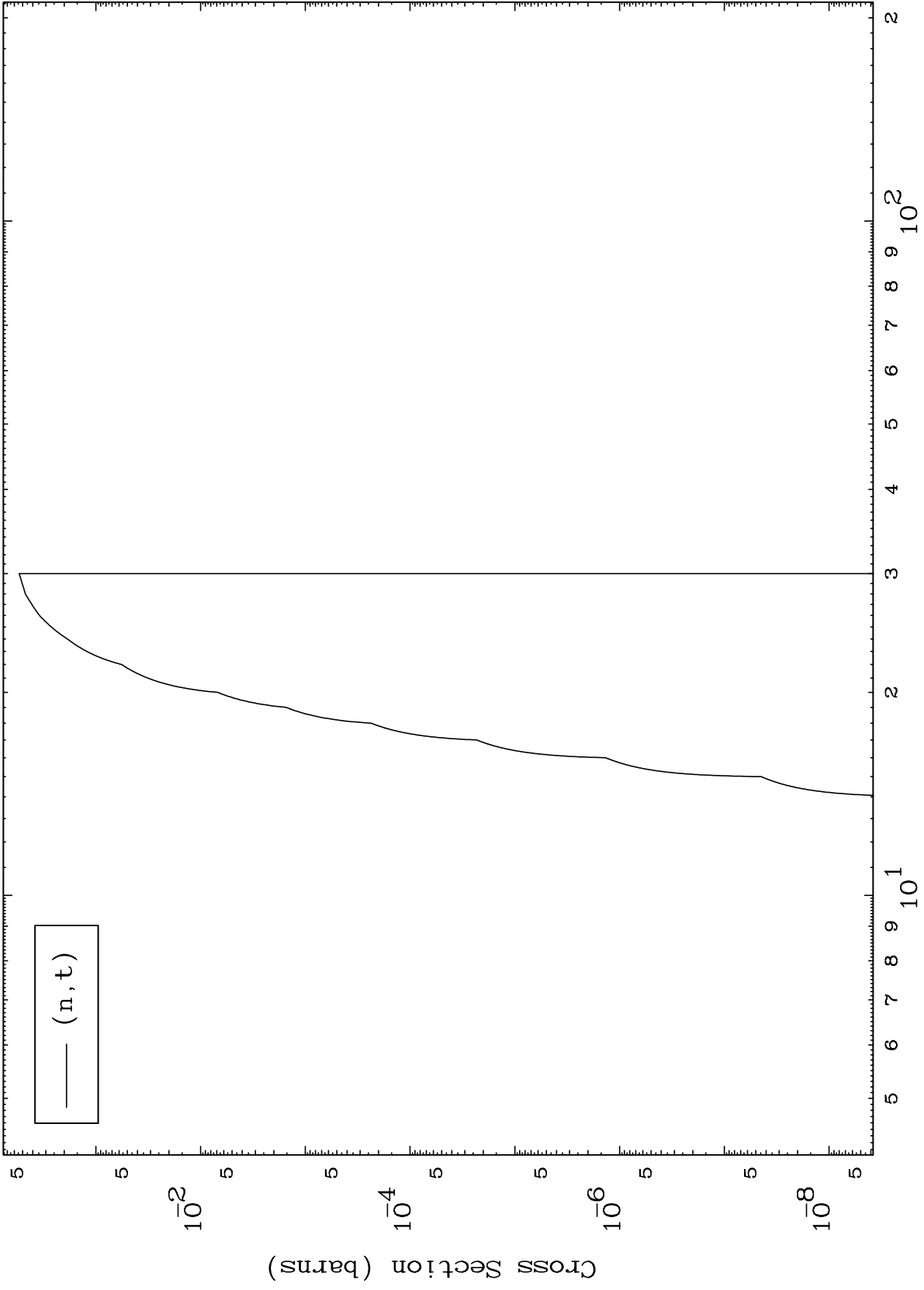
0 Kelvin Cross Sections



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(He-3,t) Levels
0 Kelvin Cross Sections

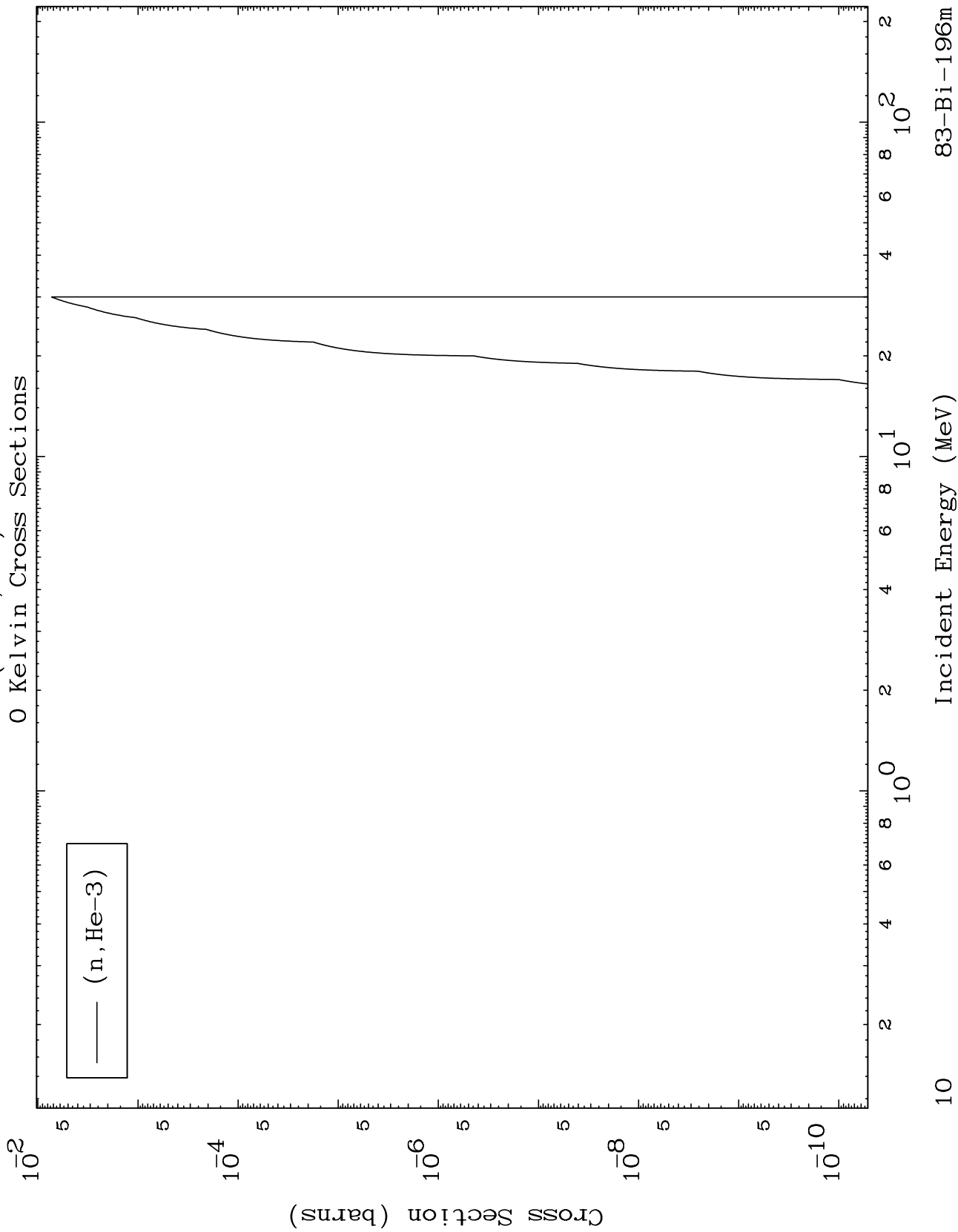
83-Bi-196m



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(He-3, He3) Levels

83-Bi-196m

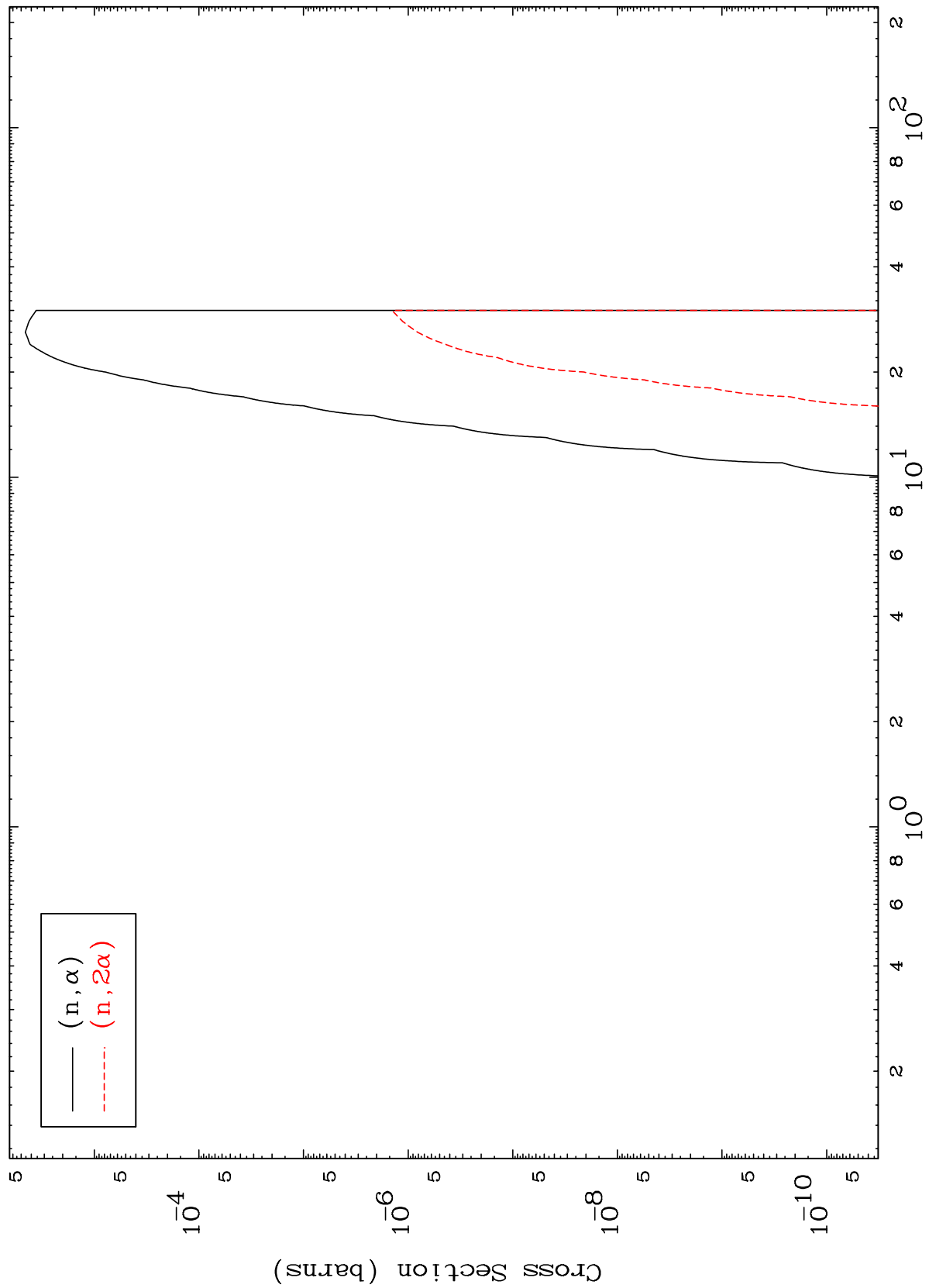


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(He-3, α) Levels

83-Bi-196m

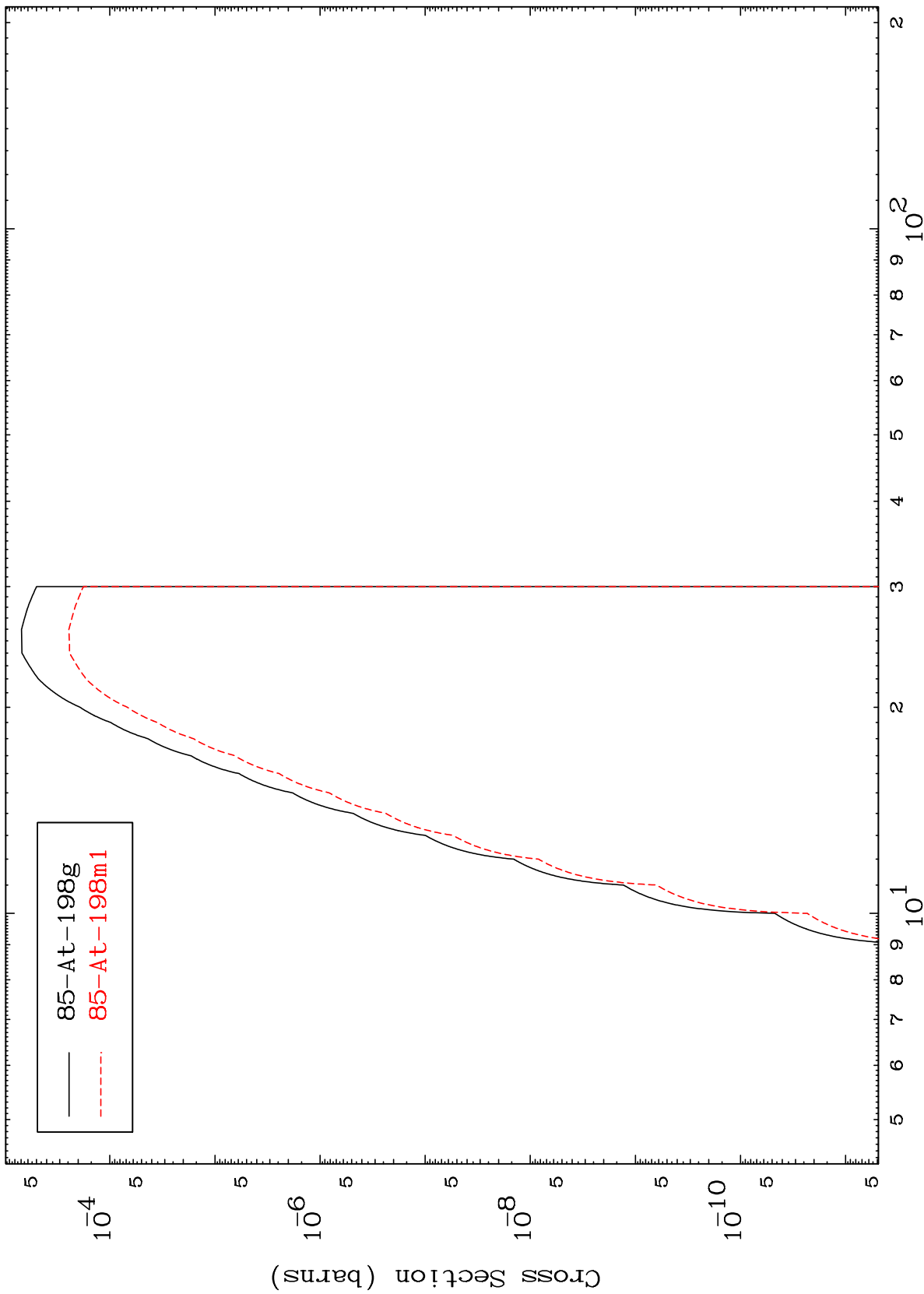
0 Kelvin Cross Sections



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83-Bi-196m

Inelastic
Radionuclide Production Cross Section



12

83-Bi-196m

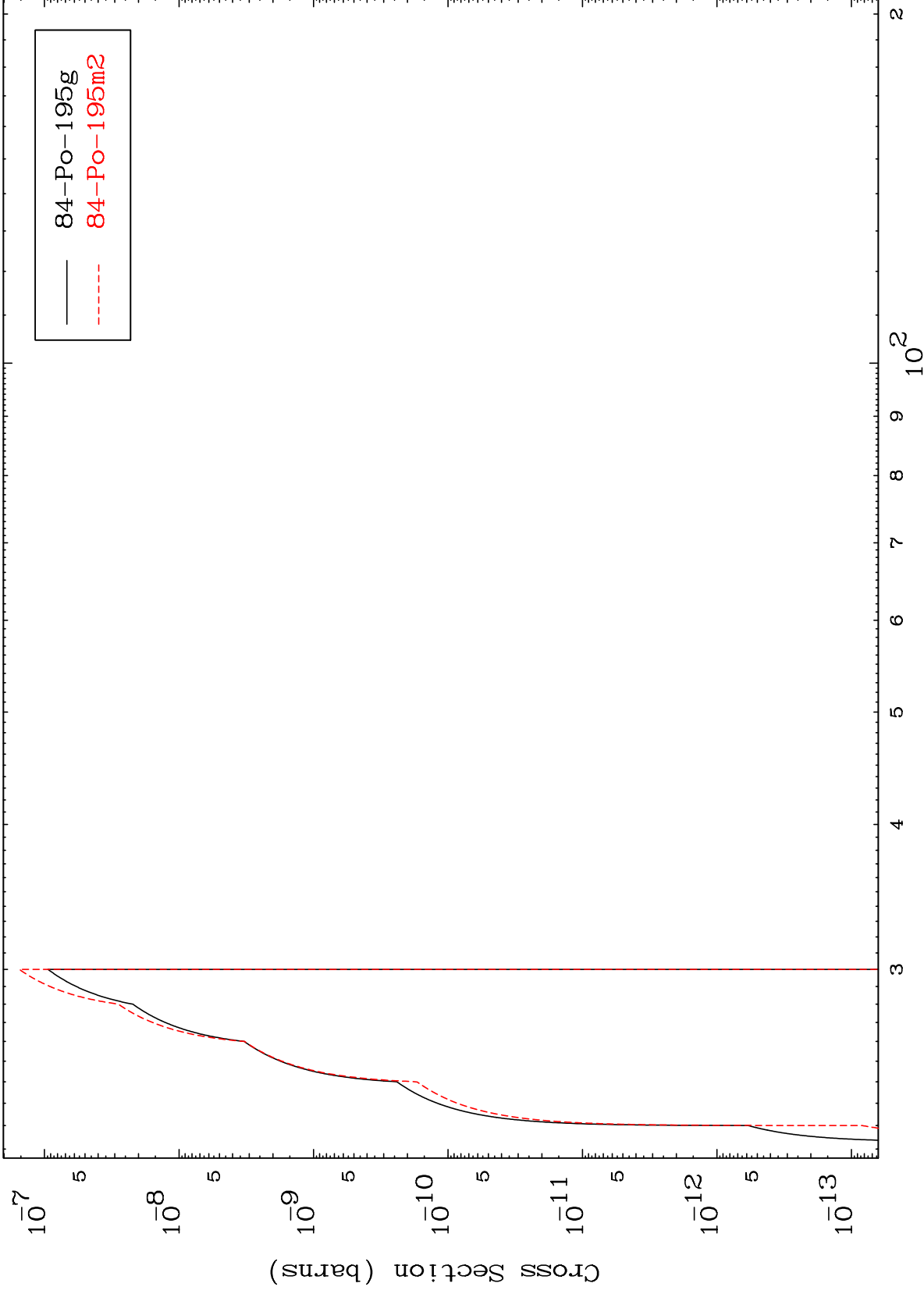
Incident Energy (MeV)

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(n,2n) d

83-Bi-196m

Radionuclide Production Cross Section



13

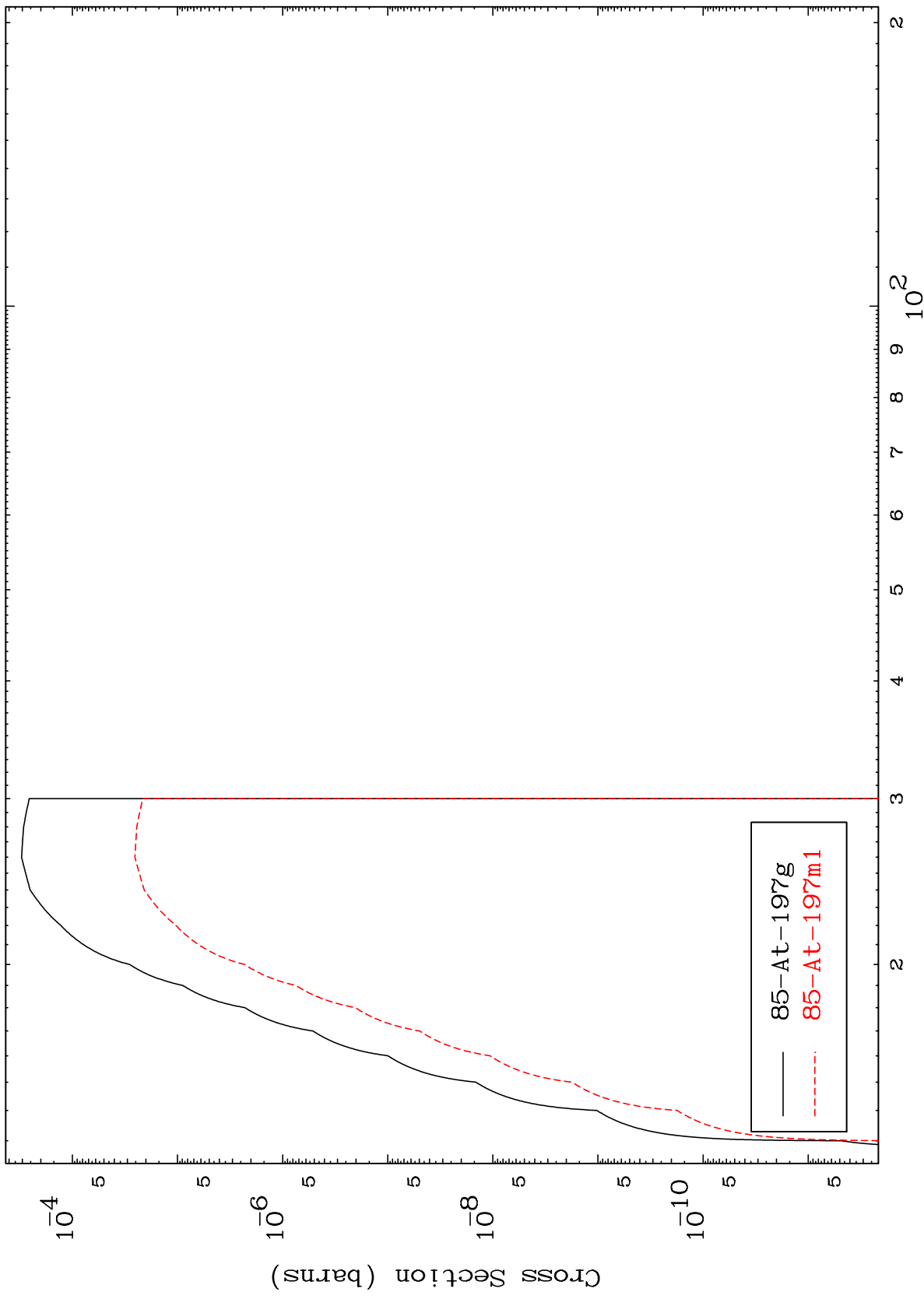
Incident Energy (MeV)

83-Bi-196m

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83-Bi-196m

(n,2n)
Radionuclide Production Cross Section



83-Bi-196m

Incident Energy (MeV)

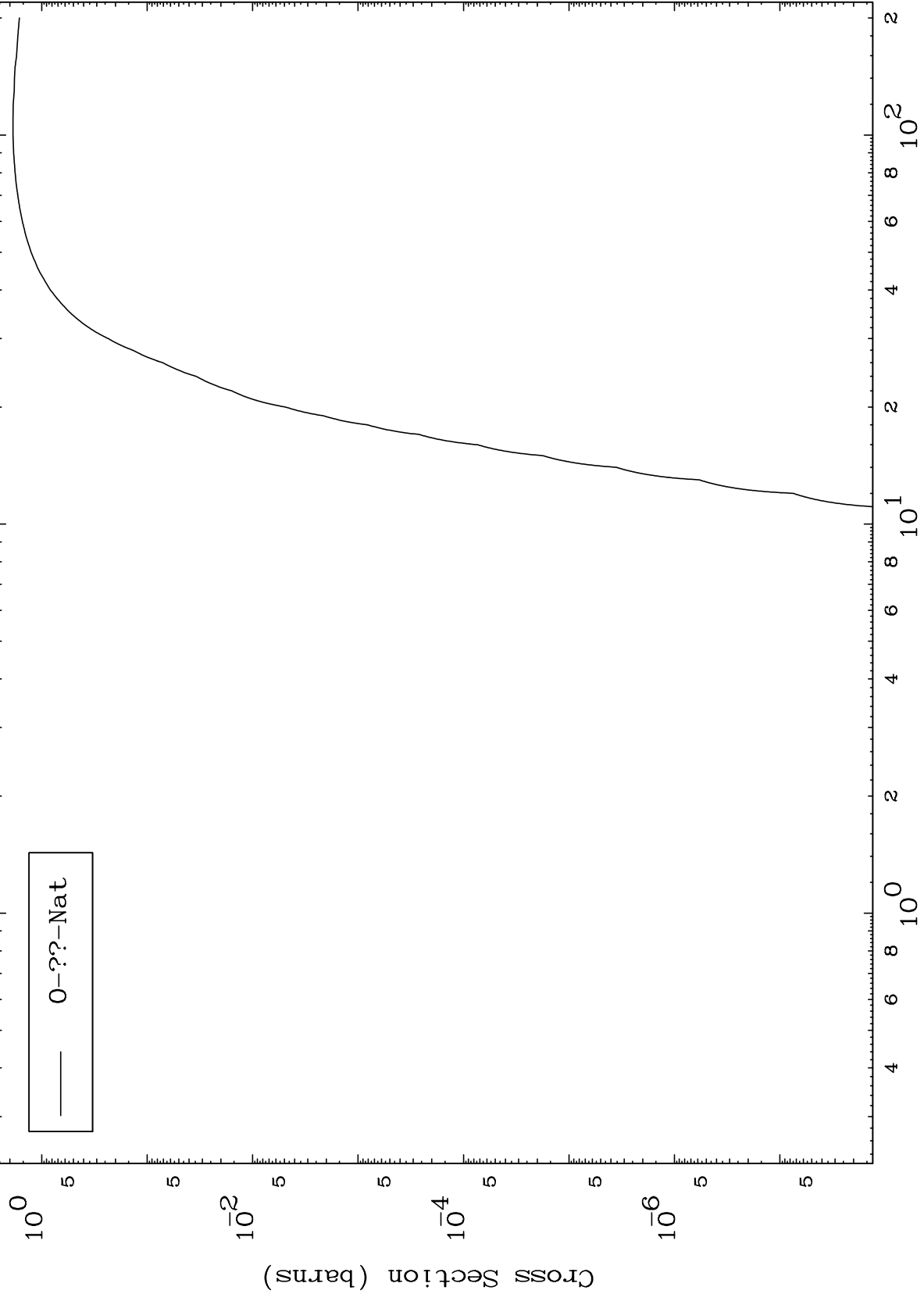
14

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Fission

⁸³Bi-196m

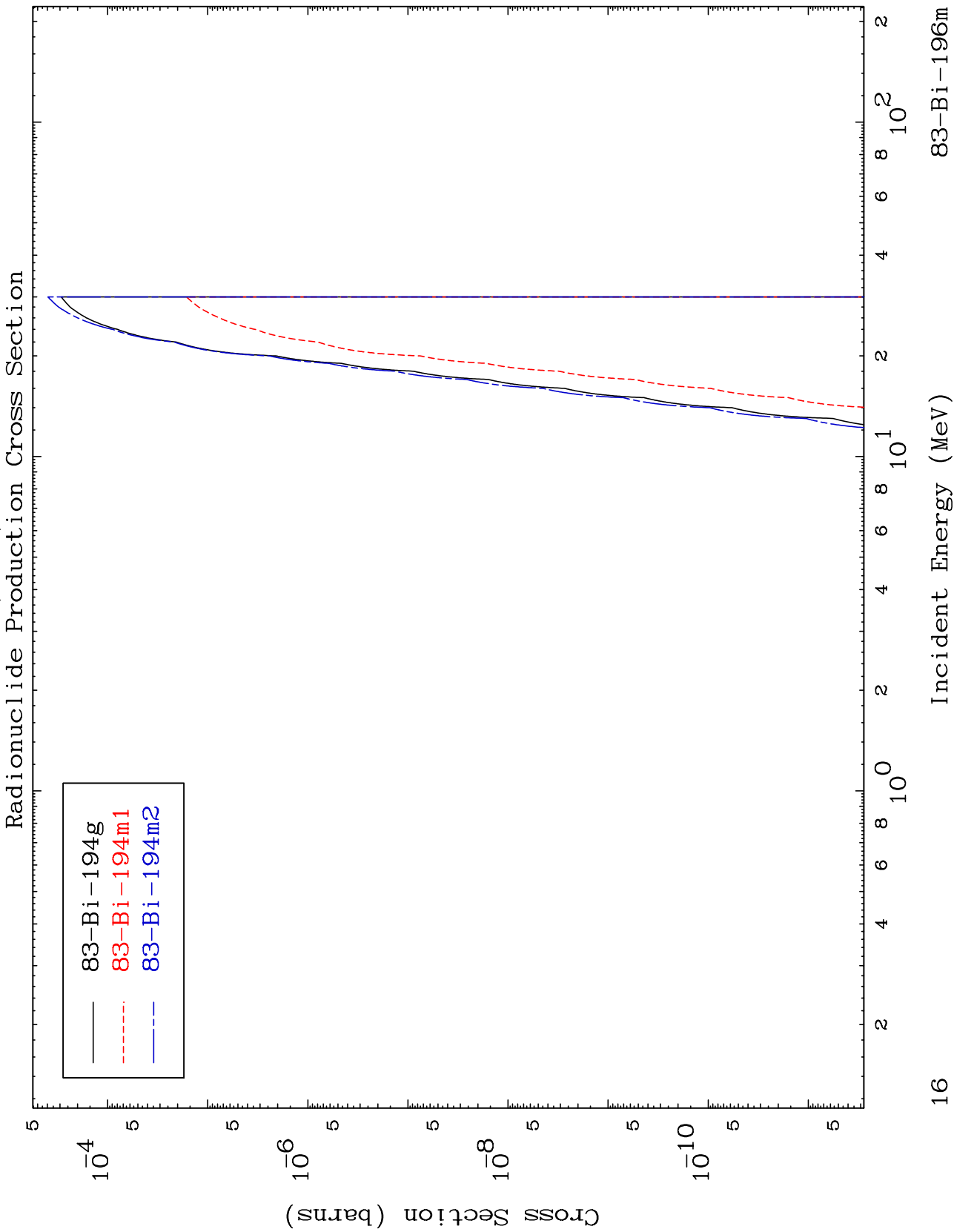
Radionuclide Production Cross Section



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$(n, n') \alpha$

$^{83}\text{Bi}-196\text{m}$

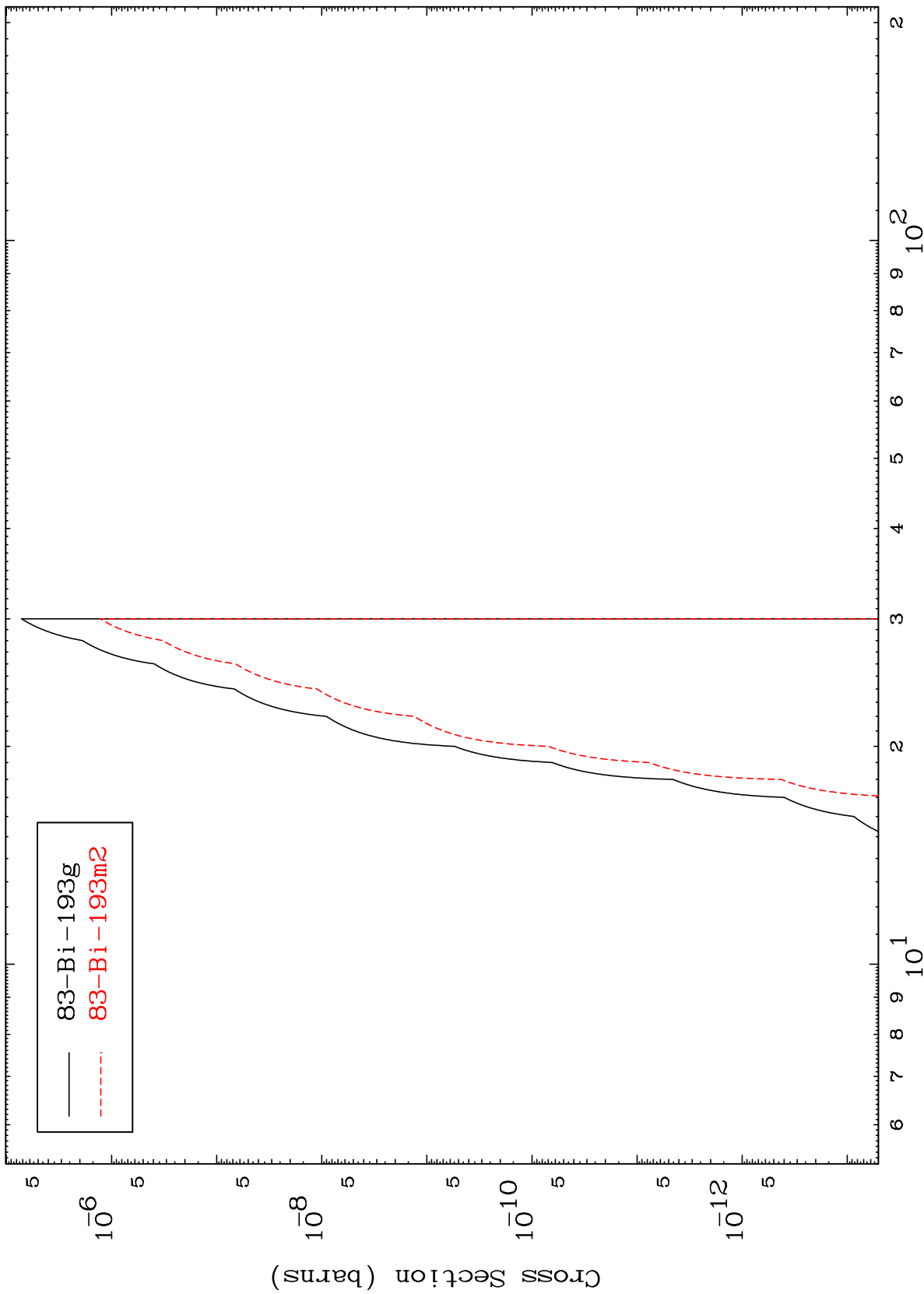


MAT 8287

$(n,2n) \alpha$

$^{83}\text{Bi}-196\text{m}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

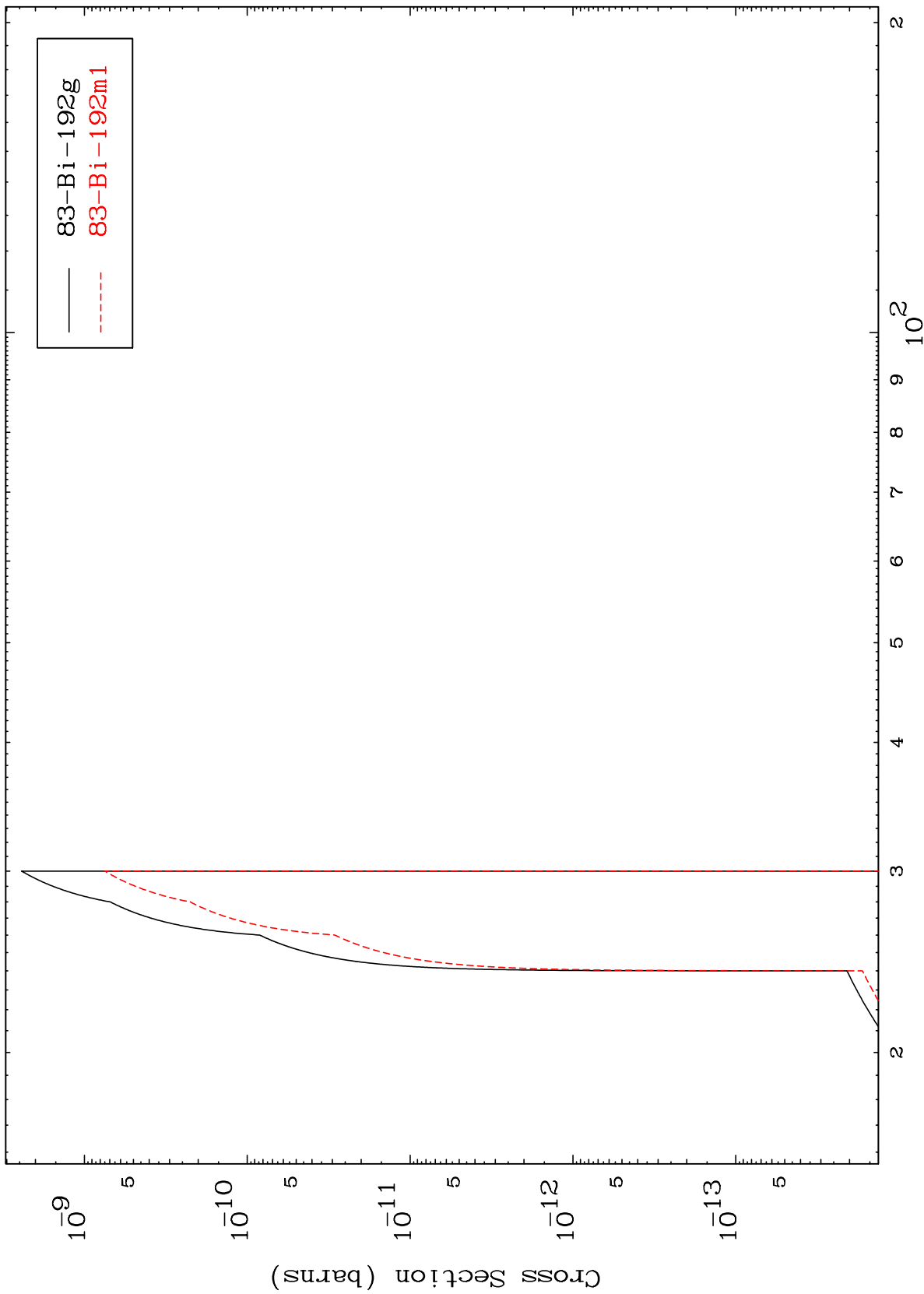
$^{83}\text{Bi}-196\text{m}$

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$(n,3n) \alpha$

$^{83}\text{Bi}-196\text{m}$

Radionuclide Production Cross Section



18

Incident Energy (MeV)

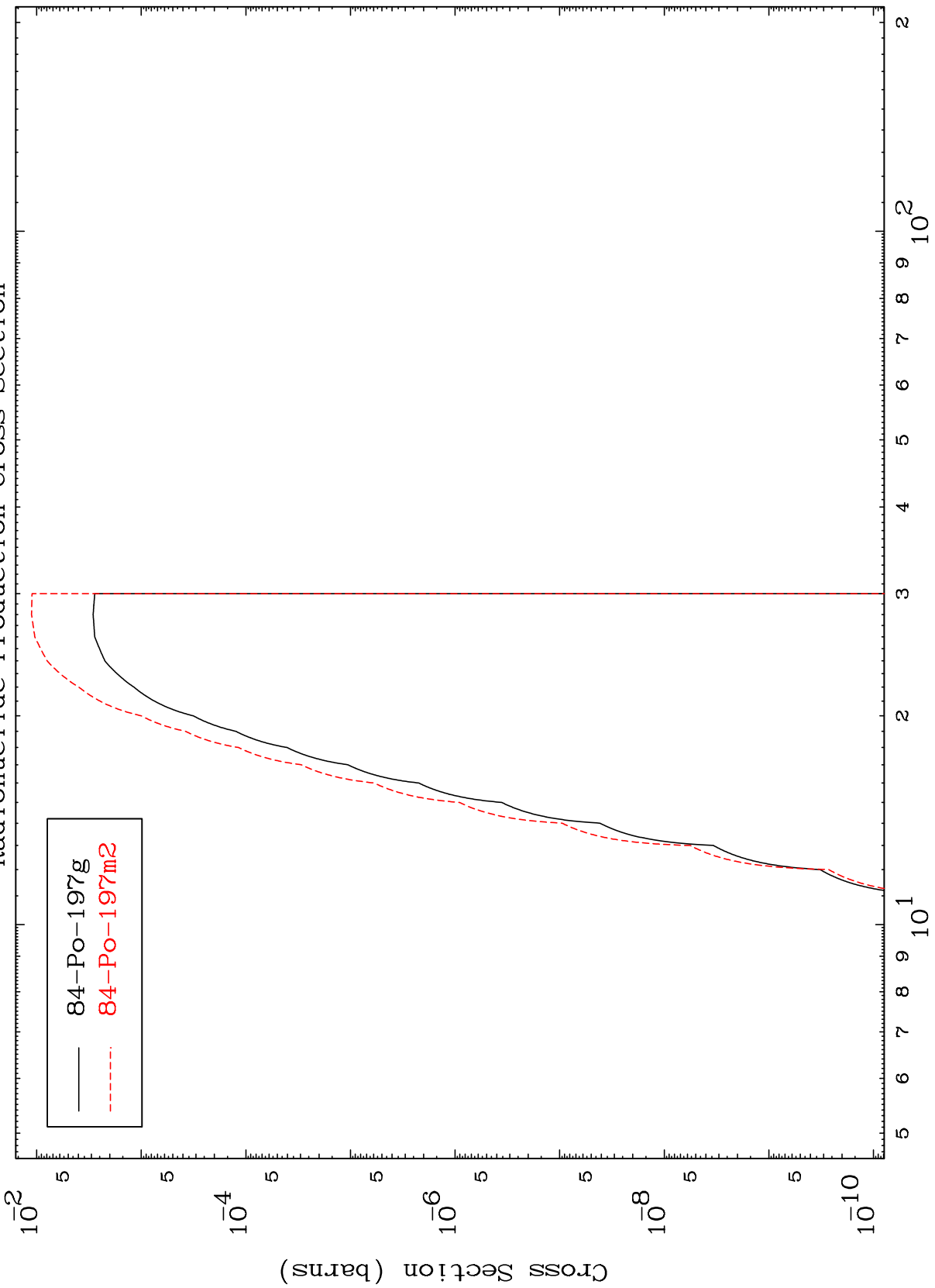
$^{83}\text{Bi}-196\text{m}$

MAT 8287

(n,n') p

83-Bi-196m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

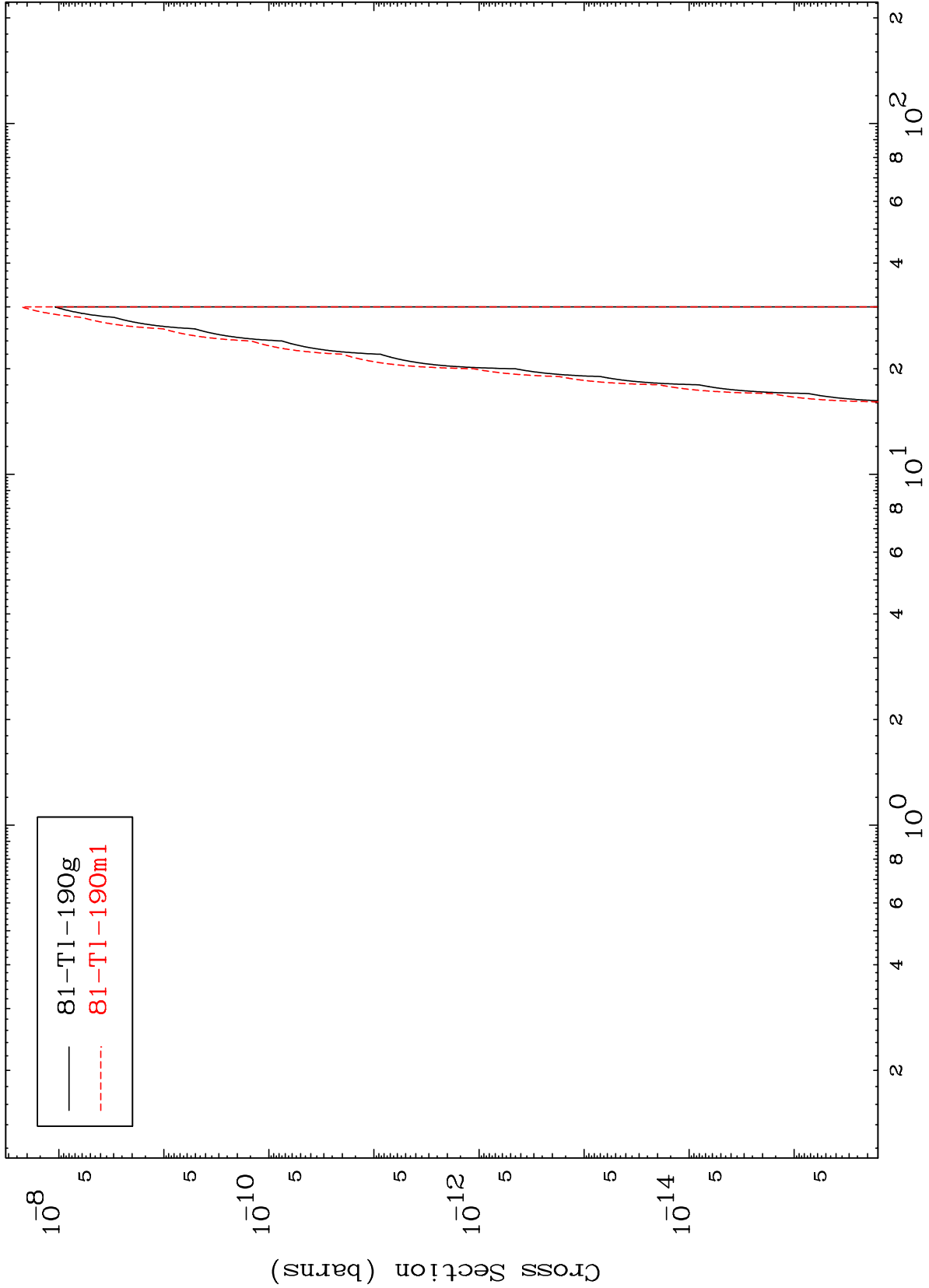
83-Bi-196m

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(n,n') 2 α

83-Bi-196m

Radionuclide Production Cross Section

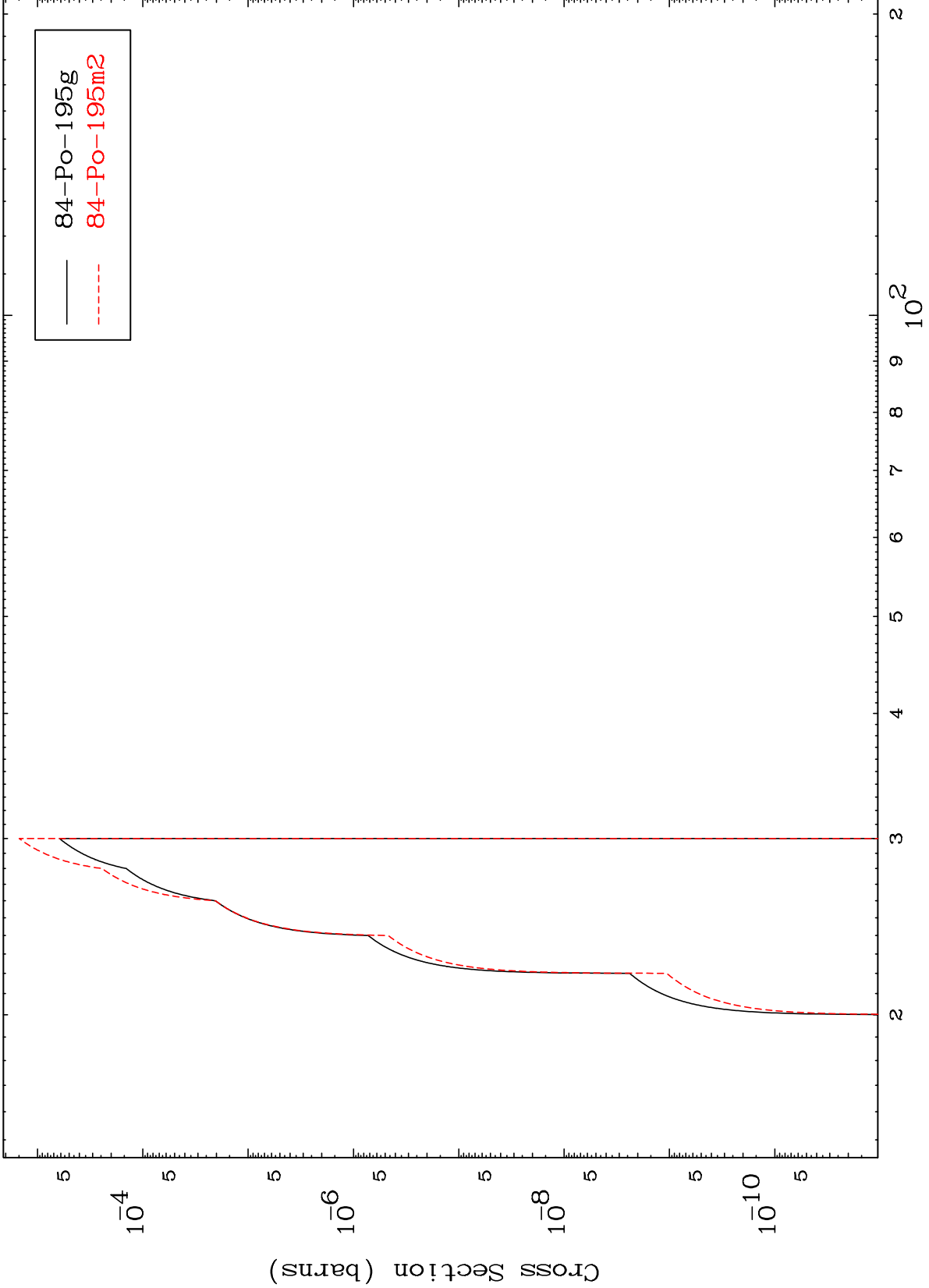


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(n,n') t

83-Bi-196m

Radionuclide Production Cross Section



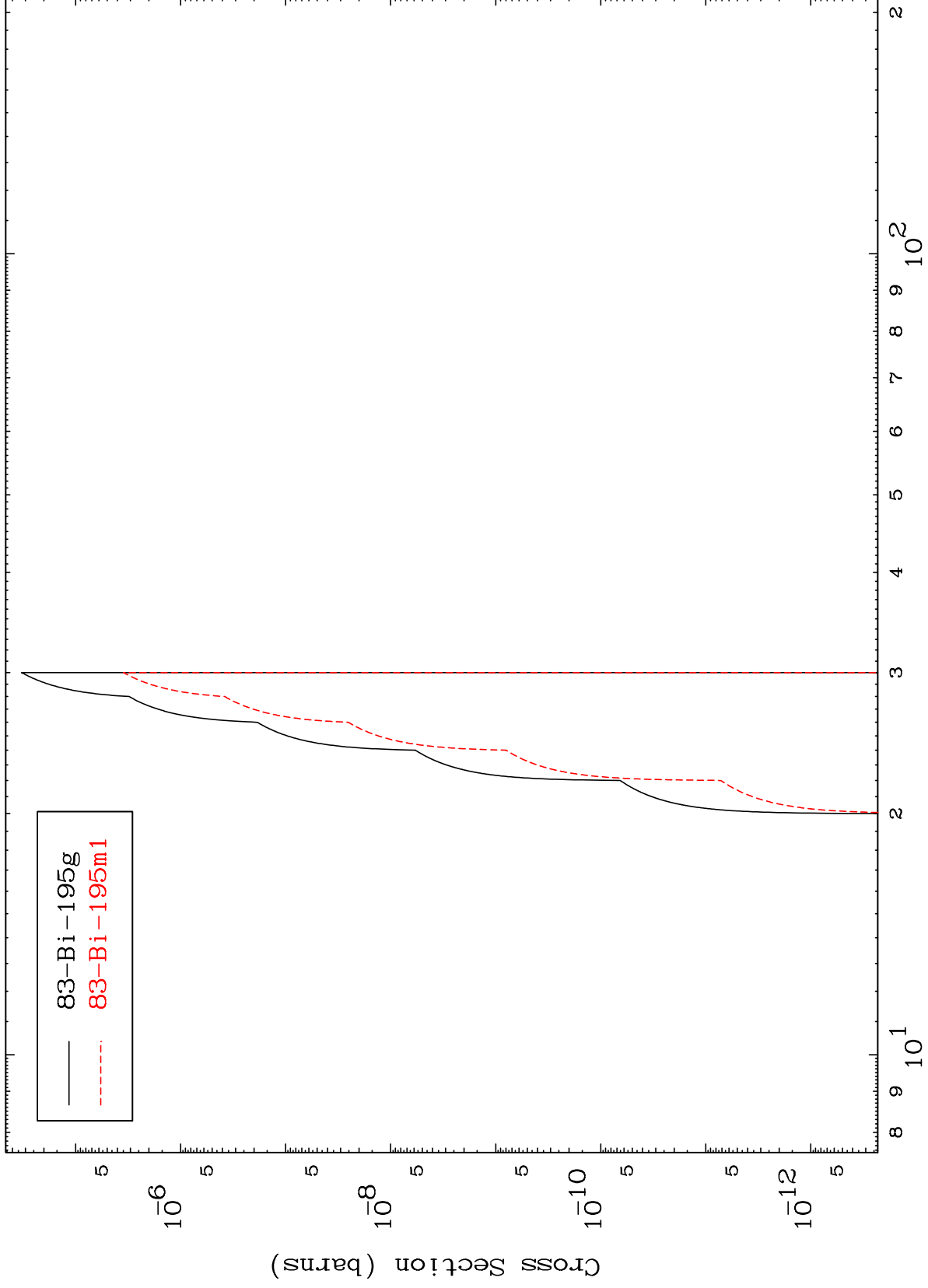
84-Po-195g
84-Po-195m2

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(n,n') He-3

83-Bi-196m

Radionuclide Production Cross Section

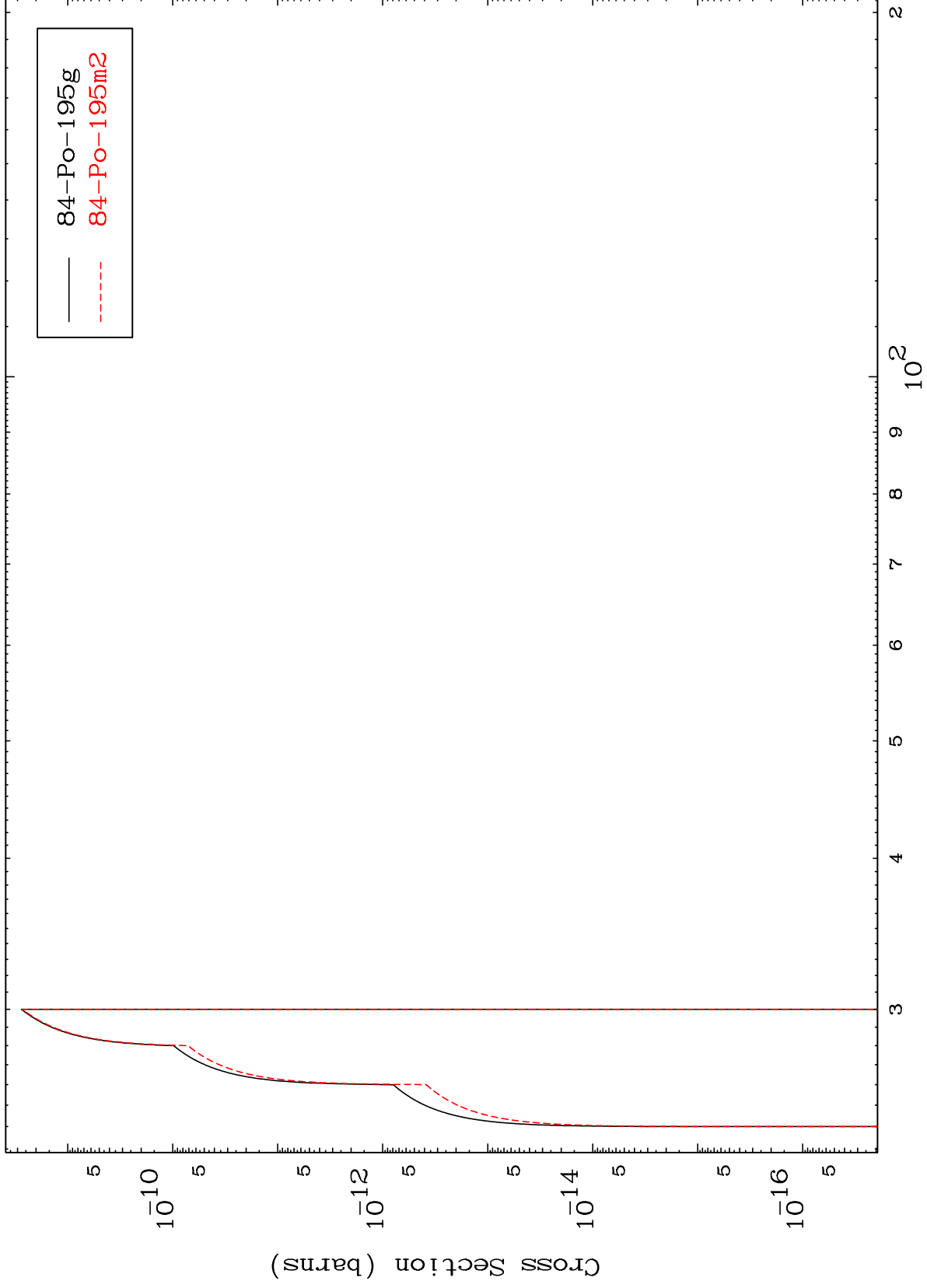


22

Incident Energy (MeV)

83-Bi-196m

Radionuclide Production Cross Section

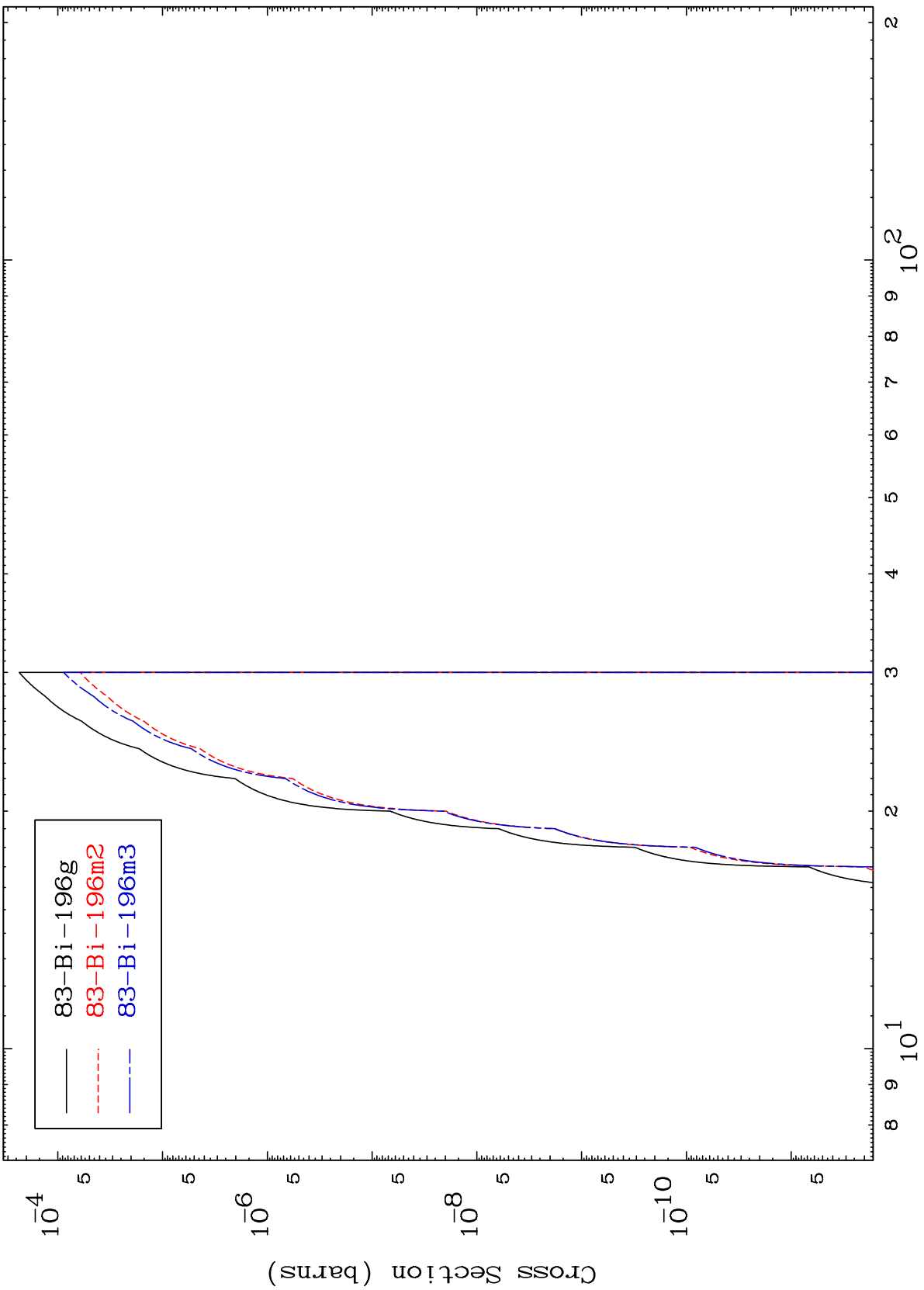


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(n,2n) p

83-Bi-196m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

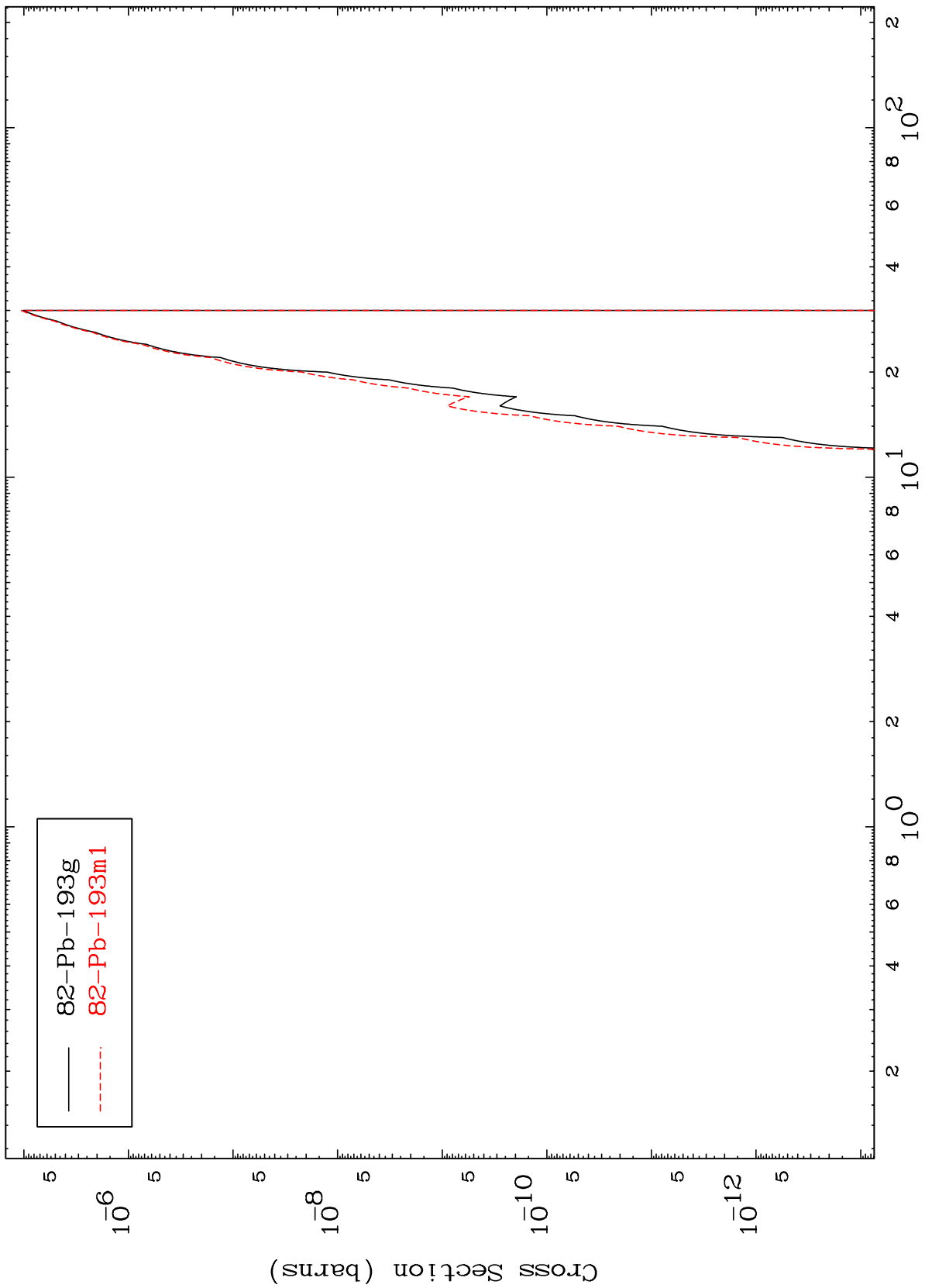
83-Bi-196m

MAT 8287

(n,n') p α

83-Bi-196m

Radionuclide Production Cross Section

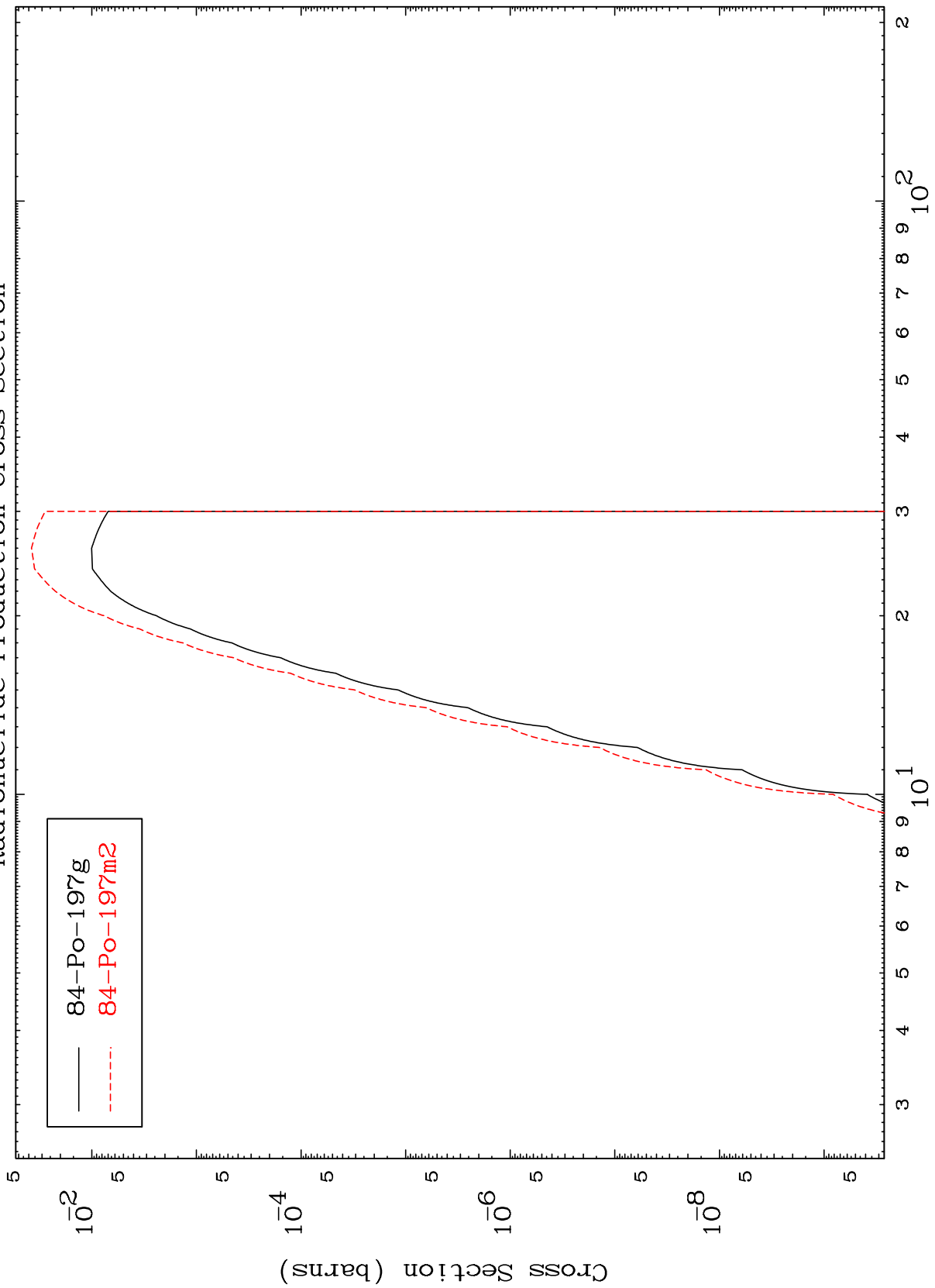


82-Pb-193g
82-Pb-193m1

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83-Bi-196m

(n,d)
Radionuclide Production Cross Section



— 84-Po-197g
- - - 84-Po-197m2

Incident Energy (MeV)

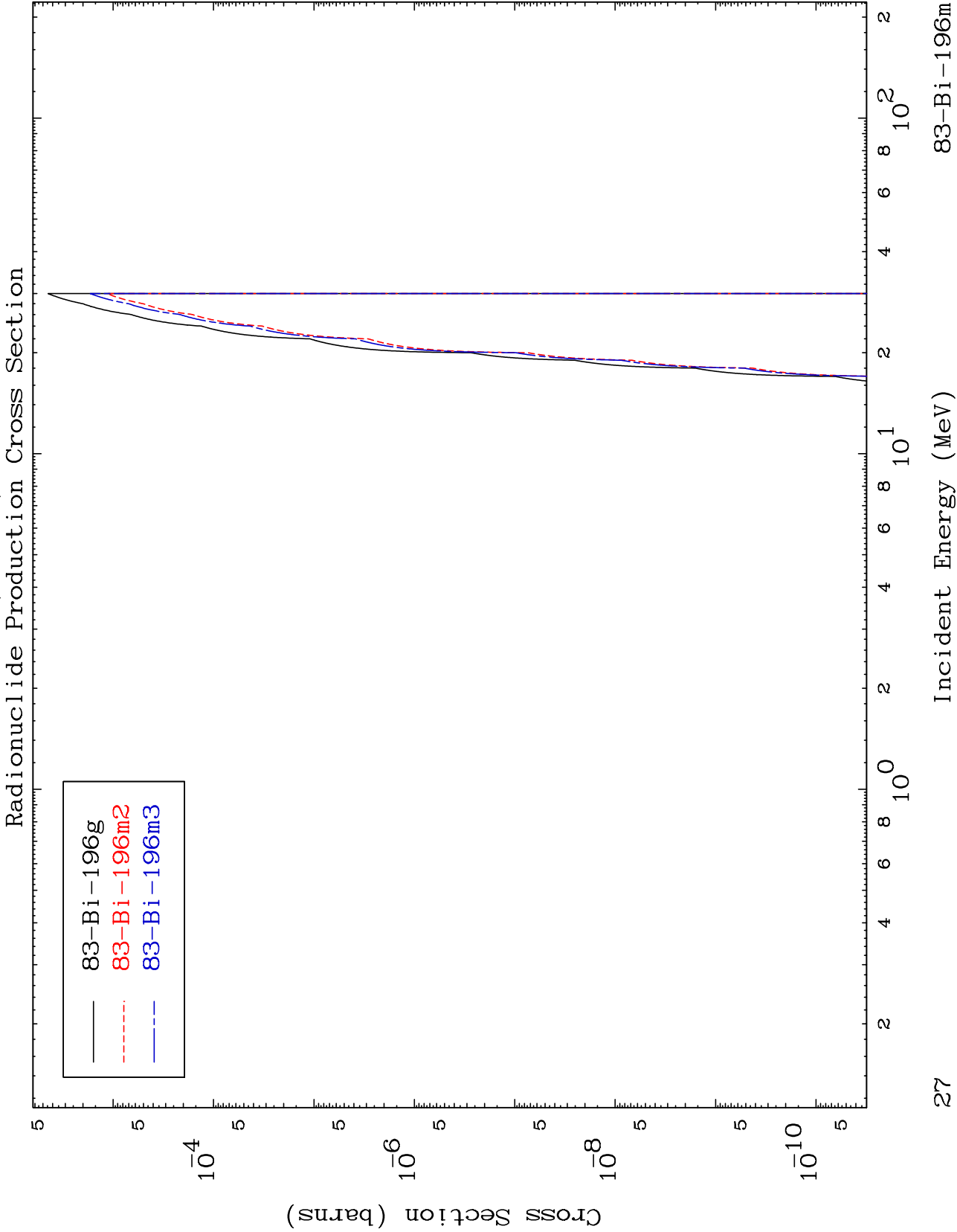
83-Bi-196m

26

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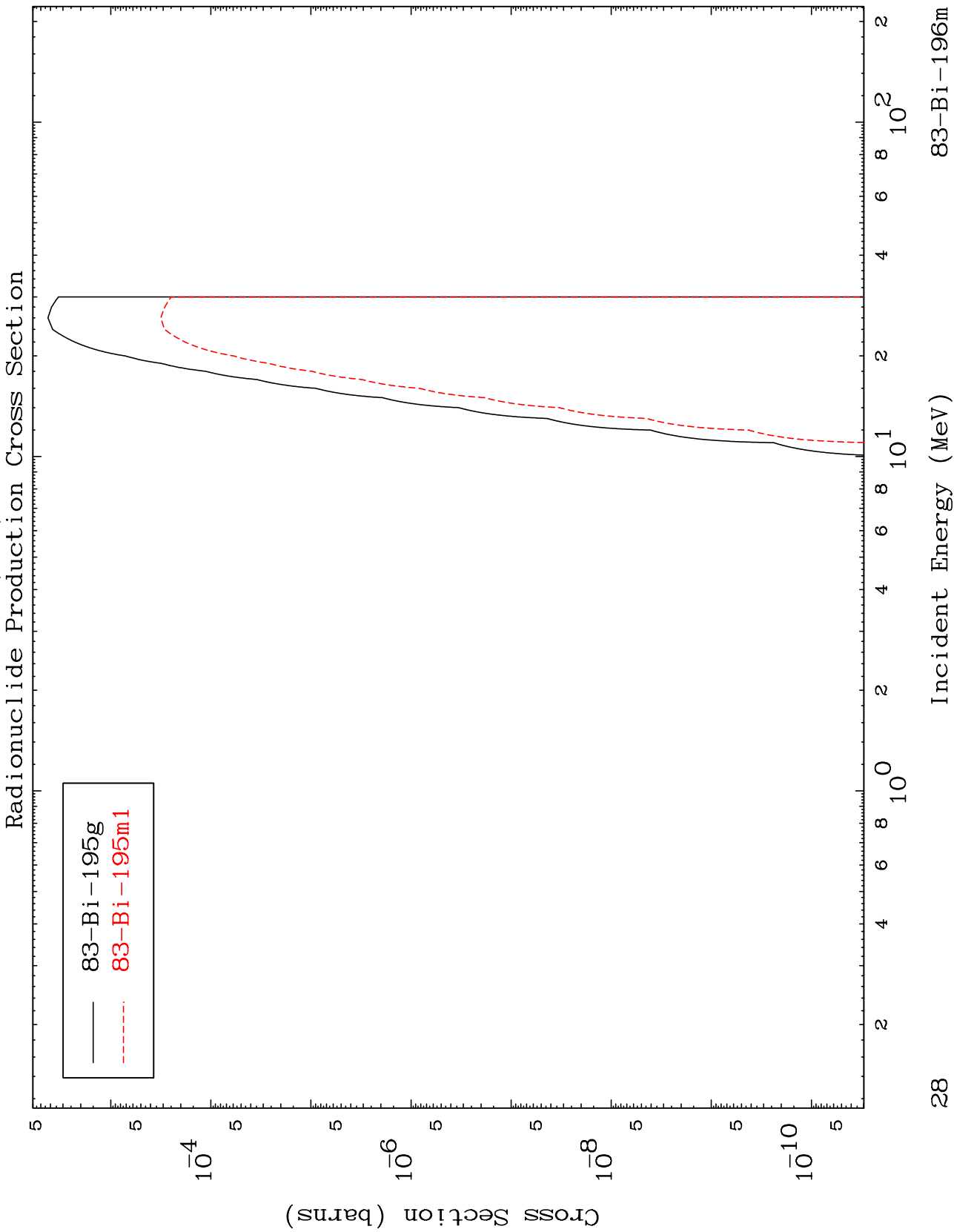
(n,He-3)

⁸³Bi-196m



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⁸³Bi-196m

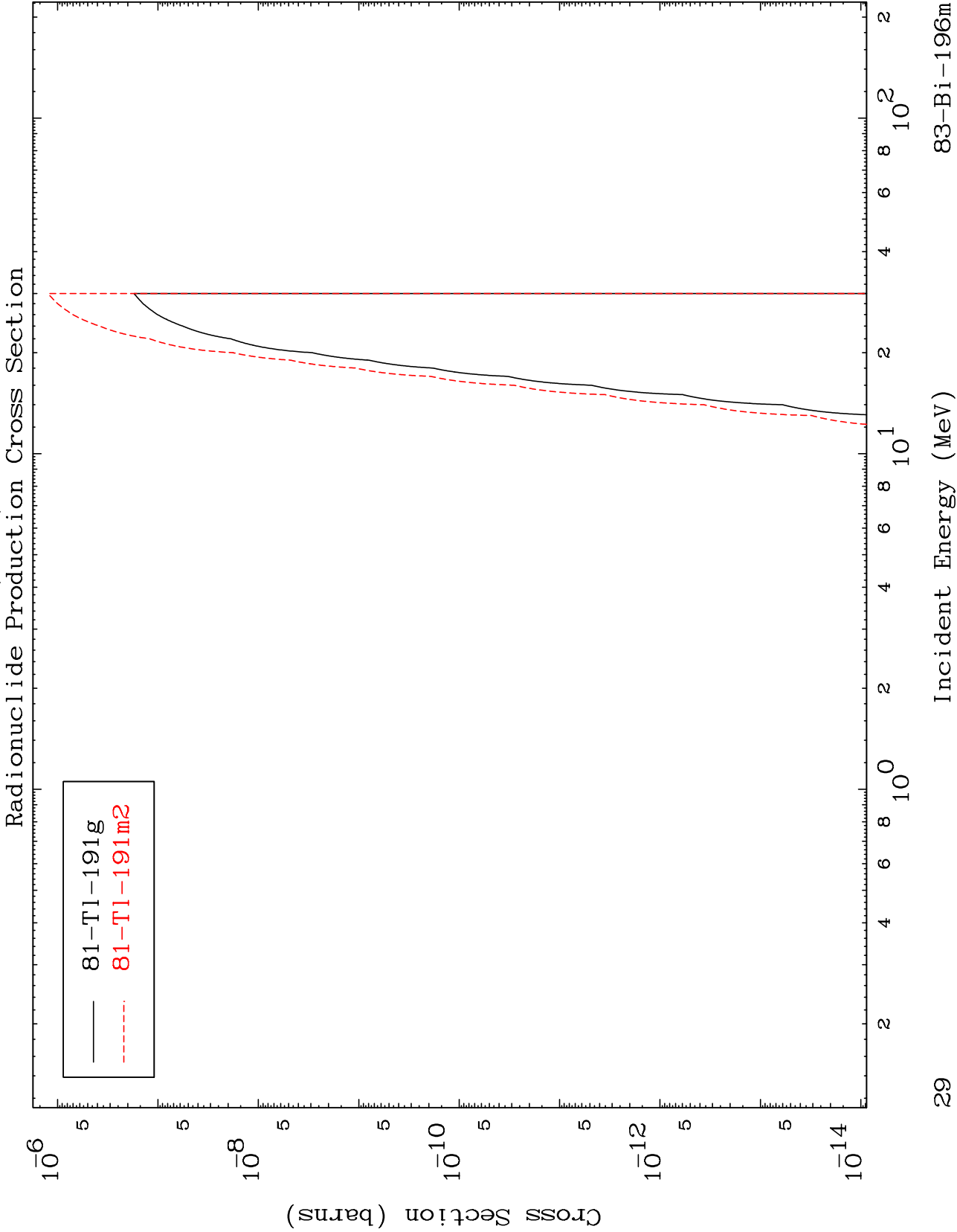


— 83-Bi-195g
- - - 83-Bi-195m1

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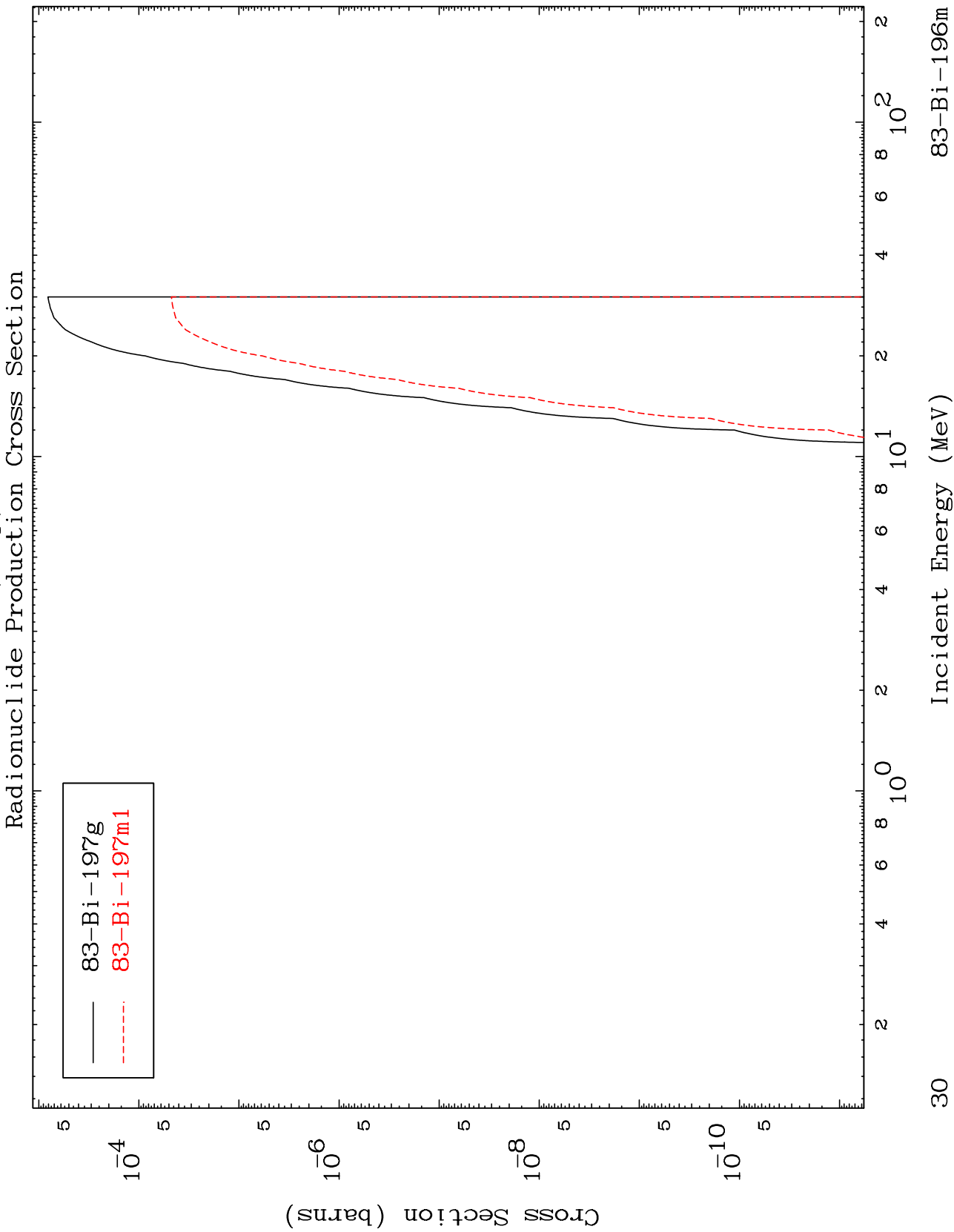
(n,2α)

83-Bi-196m



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$^{83}\text{Bi}-196\text{m}$



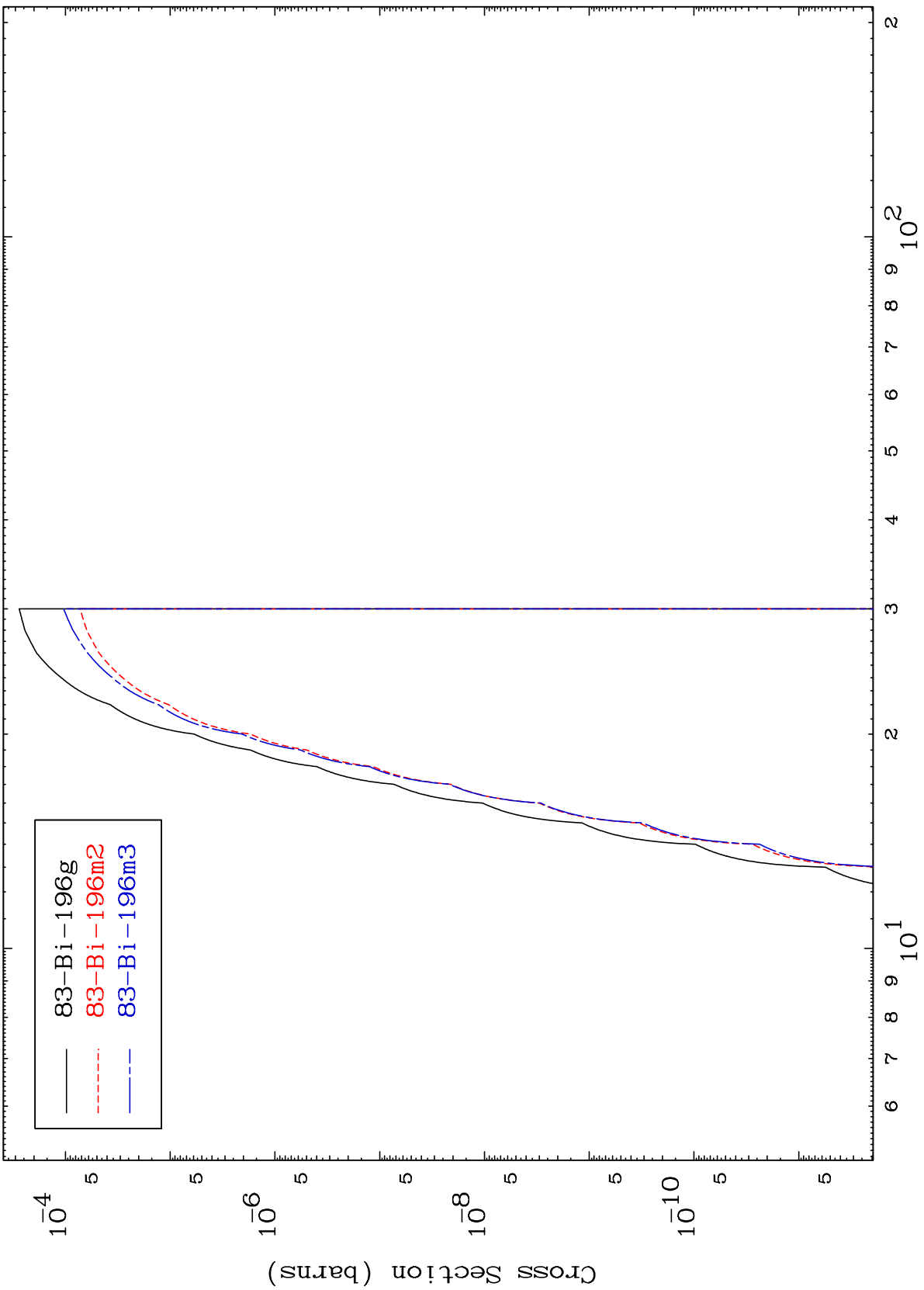
— $^{83}\text{Bi}-197\text{g}$
- - - $^{83}\text{Bi}-197\text{m1}$

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(n,p) d

83-Bi-196m

Radionuclide Production Cross Section

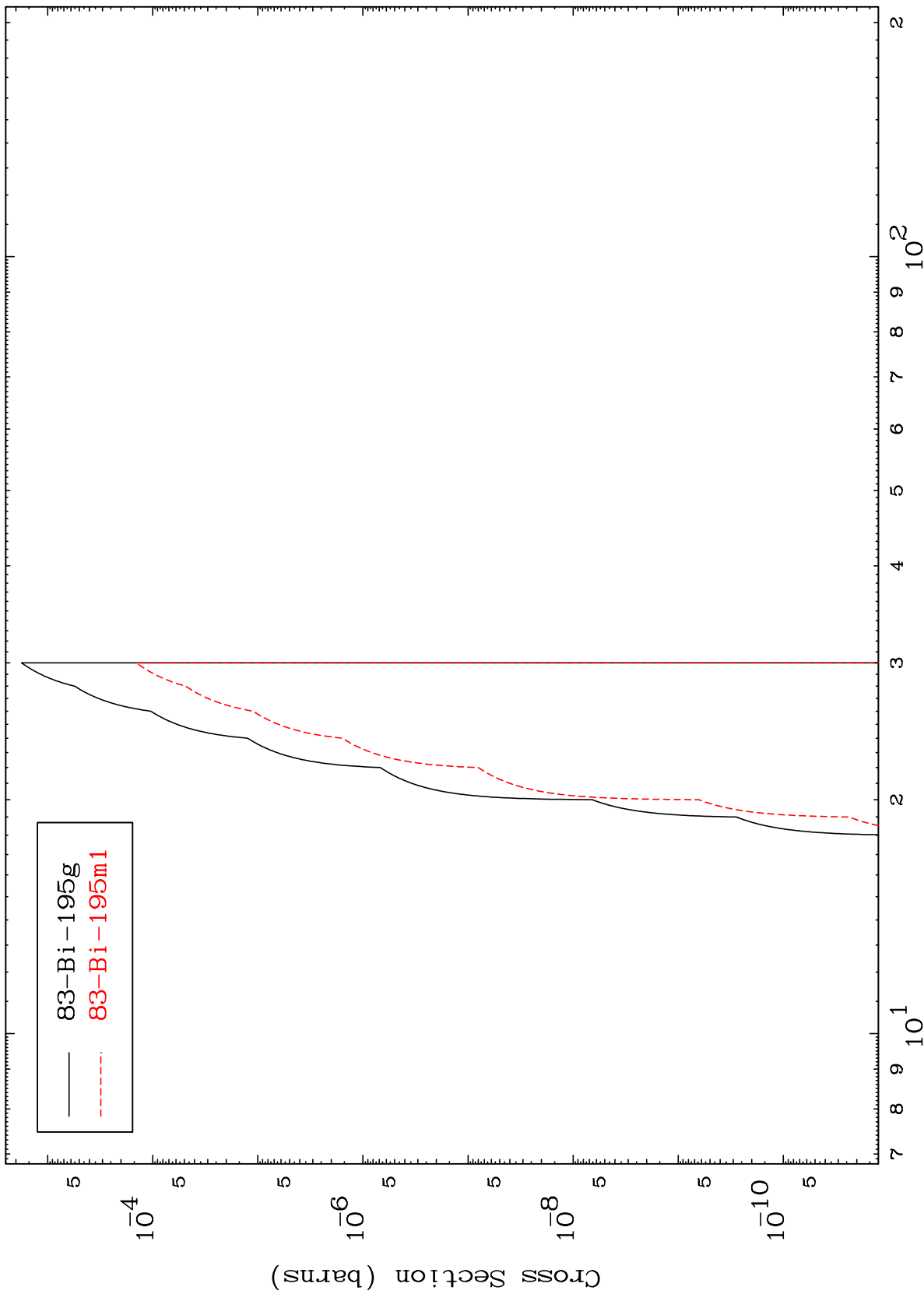


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(n,p) t

83-Bi-196m

Radionuclide Production Cross Section



83-Bi-195g
83-Bi-195m1

Incident Energy (MeV)

83-Bi-196m

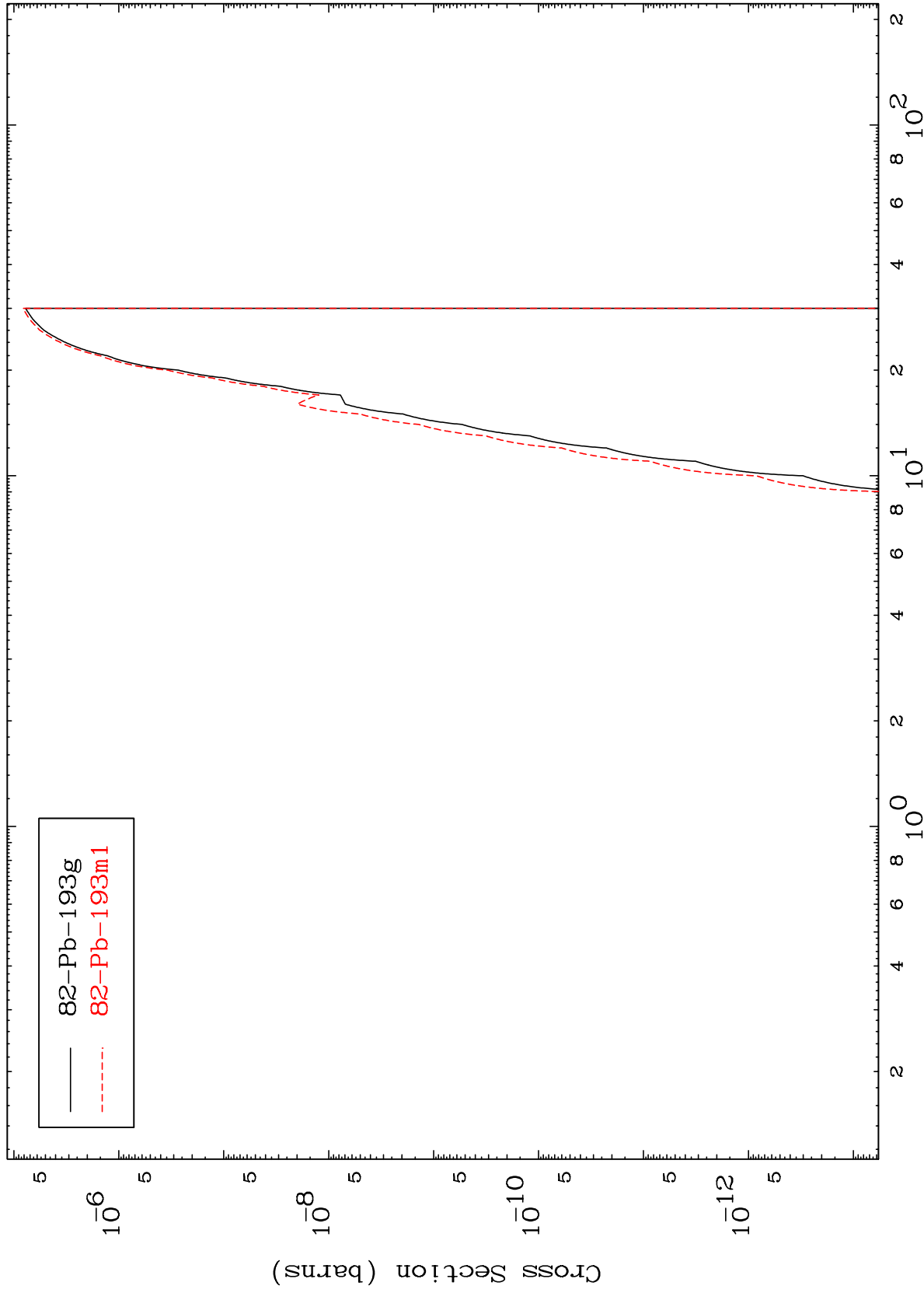
32

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(n,d) α

83-Bi-196m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

83-Bi-196m